

Pearl Ex Carbon Black

MSDS No: 640

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 640

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	5-9	10q mg/m ³	10q mg/m ³	1317-70-0
Mica	38-48	3c mg/m ³	3c mg/m ³	12001-26-2
Iron Oxide Black	47-53	N/A	N/A	1317-61-9

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Black powder

Specific Gravity: N/A

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Pumpkin Orange

MSDS No: 641

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 641

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium Dioxide	38	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	47.6	3c mg/m ³	3c mg/m ³	12001-26-2

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Orange powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Salmon Pink

MSDS No: 642

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 642

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	44-49	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	50-55	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	≤1	2 mg/m ³	2 mg/m ³	18282-10-5
Red absorptive pigment	≤1	N/A	N/A	N/A

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Bright pink powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Pink Gold

MSDS No: 643

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 643

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	40-44	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	56-60	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	≤1	2 mg/m ³	2 mg/m ³	18282-10-5
Red pigment	≤2	N/A	N/A	N/A

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Pink powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Reflex Violet

MSDS No: 644

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 644

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	49-52	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	46-50	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	≤1	2 mg/m ³	2 mg/m ³	18282-10-5
Pigment violet 23	≤1	N/A	N/A	6358-30-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Purple powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Grey Lavender

MSDS No: 645

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 645

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	49-52	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	46-50	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	≤1	2 mg/m ³	2 mg/m ³	18282-10-5
Pigment violet 23	≤1	N/A	N/A	6358-30-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Purple powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Mink

MSDS No: 646

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 646

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Mica	32-36	3c mg/m ³	3c mg/m ³	12001-26-2
Iron (III) Oxide	64-68	5u mg/m ³	10d mg/m ³	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Dark brown powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Sky Blue

MSDS No: 647

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 647

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	31-35	10q mg/m ³	10q mg/m ³	1317-80-2
Mica	64-68	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	≤1	2 mg/m ³	2 mg/m ³	18282-10-5
Blue absorptive pigment	≤1	N/A	N/A	N/A

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Blue powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Micropearl

MSDS No: 650

Effective Date: 1/1/96

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 650

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	35-39	10q mg/m ³	10q mg/m ³	1317-80-2
Mica	61-65	3c mg/m ³	3c mg/m ³	12001-26-2

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: White powder

Specific Gravity: N/A

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

Notice to Reader

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Pearl Ex Pearl White

MSDS No: 651

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 651

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	20-24	10q mg/m ³	10q mg/m ³	1317-70-0
Mica	76-80	3c mg/m ³	3c mg/m ³	12001-26-2

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: White powder

Specific Gravity: N/A

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Macropearl

MSDS No: 652

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 652

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	11-15	10q mg/m ³	10q mg/m ³	1317-70-0
Mica	85-89	3c mg/m ³	3c mg/m ³	12001-26-2

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Light silver powder

Specific Gravity: N/A

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Red Russet

MSDS No: 653

Effective Date: 1/1/96

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 653

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	48.0	10q mg/m ³	10q mg/m ³	1317-80-2
Mica	52.0	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	N/A	2 mg/m ³	2 mg/m ³	18282-10-5
Graphite	N/A	15b mg/m ³	2.5c mg/m ³	7782-42-5
Chromium hydroxide	N/A	N/A	N/A	1308-14-1
Iron Oxide FE 203	N/A	5u mg/m ³	10d mg/m ³	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Red powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Super Russet

MSDS No: 654

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 654

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Mica	53-57	3c mg/m ³	3c mg/m ³	12001-26-2
Iron (III) Oxide	43-47	5u mg/m ³	10d mg/m ³	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Reddish-orange powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Super Copper

MSDS No: 655

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 655

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Mica	67-71	3c mg/m ³	3c mg/m ³	12001-26-2
Iron (III) Oxide	29-33	5u mg/m ³	10d mg/m ³	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Orange powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Brilliant Gold

MSDS No: 656

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 656

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	35-39	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	57-64	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	<1	2 mg/m ³	2 mg/m ³	18282-10-5
Iron Oxide FE 203	1-4	5u mg/m ³	10d mg/m ³	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Gold powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Sparkle Gold

MSDS No: 657

Effective Date: 1/1/96

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 657

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	25.5	10q mg/m ³	10q mg/m ³	1317-80-2
Mica	70.0	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	N/A	2 mg/m ³	2 mg/m ³	18282-10-5
Graphite	N/A	15b mg/m ³	2.5c mg/m ³	7782-42-5
Chromium hydroxide	N/A	N/A	N/A	1308-14-1
Iron Oxide FE 203	04.5	5u mg/m ³	10d mg/m ³	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Light gold powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Aztec Gold

MSDS No: 658

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 658

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	20-24	10q mg/m ³	10q mg/m ³	13463-67-1
Mica	53-61	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	<1	2 mg/m ³	2 mg/m ³	18282-10-5
Iron Oxide FE 203	19-23	5u mg/m ³	10d mg/m ³	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Gold powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Antique Gold

MSDS No: 659

Effective Date: 1/1/96

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 659

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	30.0	10q mg/m3	10q mg/m3	1317-80-2
Mica	51.5	3c mg/m3	3c mg/m3	12001-26-2
Tin Oxide	N/A	2 mg/m3	2 mg/m3	18282-10-5
Graphite	N/A	15b mg/m3	2.5c mg/m3	7782-42-5
Chromium hydroxide	N/A	N/A	N/A	1308-14-1
Iron Oxide FE 203	03.5	5u mg/m3	10d mg/m3	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Green-gold powder

Specific Gravity: 3.10-3.20 g/cm3

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Antique Bronze

MSDS No: 660

Effective Date: 1/1/96

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 660

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	03.0	10q mg/m3	10q mg/m3	1317-80-2
Mica	62.0	3c mg/m3	3c mg/m3	12001-26-2
Tin Oxide	N/A	2 mg/m3	2 mg/m3	18282-10-5
Graphite	N/A	15b mg/m3	2.5c mg/m3	7782-42-5
Chromium hydroxide	N/A	N/A	N/A	1308-14-1
Iron Oxide FE 203	35.0	5u mg/m3	10d mg/m3	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Bronze powder

Specific Gravity: 3.10-3.20 g/cm3

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Antique Copper

MSDS No: 661

Effective Date: 1/1/96

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 661

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	02.5	10q mg/m3	10q mg/m3	1317-80-2
Mica	47.5	3c mg/m3	3c mg/m3	12001-26-2
Tin Oxide	N/A	2 mg/m3	2 mg/m3	18282-10-5
Graphite	N/A	15b mg/m3	2.5c mg/m3	7782-42-5
Chromium hydroxide	N/A	N/A	N/A	1308-14-1
Iron Oxide FE 203	35.0	5u mg/m3	10d mg/m3	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Dark brown powder

Specific Gravity: 3.10-3.20 g/cm3

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Antique Silver

MSDS No: 662

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 662

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	26-30	10q mg/m ³	10q mg/m ³	1317-70-0
Mica	69-73	3c mg/m ³	3c mg/m ³	12001-26-2
Carbon Black	≤1	N/A	N/A	N/A

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Dark silver powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Silver

MSDS No: 663

Effective Date: 1/1/96

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 663

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	26-30	10q mg/m ³	10q mg/m ³	1317-70-0
Mica	69-73	3c mg/m ³	3c mg/m ³	12001-26-2
Carbon Black	≤1	N/A	N/A	N/A

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Silver powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Super Bronze

MSDS No: 664

Effective Date: 2/28/01

Amendatory Date: 5/12/07

1. Product Identification

Product Code: 664

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Mica	61-65	3c mg/m ³	3c mg/m ³	12001-26-2
Iron (III) Oxide	35-39	5u mg/m ³	10d mg/m ³	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Bronze powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Sunset Gold

MSDS No: 665

Effective Date: 1/1/96

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 665

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	36.5	10q mg/m ³	10q mg/m ³	1317-80-2
Mica	43.5	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	N/A	2 mg/m ³	2 mg/m ³	18282-10-5
Graphite	N/A	15b mg/m ³	2.5c mg/m ³	7782-42-5
Chromium hydroxide	N/A	N/A	N/A	1308-14-1
Iron Oxide FE 203	04.5	5u mg/m ³	10d mg/m ³	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Dark gold powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Interference Red

MSDS No: 670

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 670

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	44-48	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	52-56	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	1-2	2 mg/m ³	2 mg/m ³	18282-10-5

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: White powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Interference Blue

MSDS No: 671

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 671

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	48-53	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	47-55	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	<1	2 mg/m ³	2 mg/m ³	18282-10-5

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: White powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Interference Green

MSDS No: 672

Effective Date: 1/1/96

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 672

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	57.0	10q mg/m3	10q mg/m3	1317-80-2
Mica	42.0	3c mg/m3	3c mg/m3	12001-26-2
Tin Oxide	01.1	2 mg/m3	2 mg/m3	18282-10-5
Graphite	N/A	15b mg/m3	2.5c mg/m3	7782-42-5
Chromium hydroxide	N/A	N/A	N/A	1308-14-1
Iron Oxide FE 203	N/A	5u mg/m3	10d mg/m3	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: White powder

Specific Gravity: 3.10-3.20 g/cm3

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Interference Violet

MSDS No: 673

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 673

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	48-52	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	48-52	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	<1	2 mg/m ³	2 mg/m ³	18282-10-5

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Violet powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Interference Gold

MSDS No: 674

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 674

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	40-44	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	56-60	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	<1	2 mg/m ³	2 mg/m ³	18282-10-5

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: White powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Duo Red-Blue

MSDS No: 680

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 680

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	48-53	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	47-52	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	<1	2 mg/m ³	2 mg/m ³	18282-10-5
Blue absorptive pigment	≤2	N/A	N/A	N/A

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Pink powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Duo Blue-Green

MSDS No: 681

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 681

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	41.0	10q mg/m ³	10q mg/m ³	1317-80-2
Mica	56.5	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	01.1	2 mg/m ³	2 mg/m ³	18282-10-5
Graphite	N/A	2.5c mg/m ³	15b mg/m ³	7782-42-5
Chromium hydroxide	00.9	N/A	N/A	1308-14-1
Iron Oxide FE 203	N/A	5u mg/m ³	10d mg/m ³	1309-37-1

c. respirable dust; q, total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Light blue powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Duo Green-Yellow

MSDS No: 682

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 682

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	41.0	10q mg/m ³	10q mg/m ³	1317-80-2
Mica	56.5	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	01.1	2 mg/m ³	2 mg/m ³	18282-10-5
Graphite	N/A	2.5c mg/m ³	15b mg/m ³	7782-42-5
Chromium hydroxide	00.9	N/A	N/A	1308-14-1
Iron Oxide FE 203	N/A	5u mg/m ³	10d mg/m ³	1309-37-1

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Green powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Bright Yellow

MSDS No: 683

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 683

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium Dioxide	28.0	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	47.6	3c mg/m ³	3c mg/m ³	12001-26-2

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Yellow powder

Specific Gravity: N/A

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Flamingo Pink

MSDS No: 684

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 684

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	22-28	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	58-68	3c mg/m ³	3c mg/m ³	12001-26-2
D+C Red #30	10-14	N/A	N/A	2379-74-0

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Bright pink powder

Specific Gravity: 3.10-3.20 gm/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Spring Green

MSDS No: 685

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 685

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium Dioxide	50-94	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	31-39	3c mg/m ³	3c mg/m ³	12001-26-2
CrO	11-15	N/A	N/A	1308-38-9

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Green powder

Specific Gravity: N/A

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Turquoise**MSDS No:** 686 **Effective Date:** 2/28/01 **Amendatory Date:** 3/14/7**1. Product Identification****Product Code:** 686**2. Composition/Information on Ingredients**

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	35.0	10q mg/m3	15q mg/m3	13463-67-7
Mica	38.6	3c mg/m3	20c mg/m3	12001-26-2

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics**Boiling Point:** N/A**Vapor Pressure:** N/A**Vapor Density:** N/A**Solubility in Water:** Not soluble**Appearance & Odor:** Blue powder**Specific Gravity:** 3.10-3.20 g/cm3**Melting Point:** N/A**Evaporation Rate:** N/A**4. Fire & Explosion Data****Flash Point:** N/A**Auto Ignition:** N/A**Extinguishing Media:** Water spray, foam, carbon dioxide or dry chemical**Special Fire Procedures:** N/A**Unusual Hazards:** N/A**5. Reactivity Data****Stable:** Stable**Conditions to Avoid:** N/A**Incompatibility:** N/A**Hazardous Decomposition:** Carbon monoxide and carbon dioxide**Hazardous Polymerization:** Will not occur**6. Health Hazards****Routes of Entry:** Eyes, inhalation and ingestion**Acute:** Persistent cough and possible difficulty breathing.**Chronic:** Chronic inhalation may cause pulmonary fibrosis**Signs & Symptoms of Exposure:** Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.**Medical Conditions Aggravated:** None known other than those that could be aggravated by dust exposure such as respiratory impairment.**Carcinogenic:** N/A**7. Emergency & First Aid Procedures**

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex True Blue

MSDS No: 687

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 687

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	48-53	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	46-51	3c mg/m ³	3c mg/m ³	12001-26-2
Tin Oxide	<1	2 mg/m ³	2 mg/m ³	18282-10-5
Blue absorptive pigment	≤1	N/A	N/A	N/A

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Blue powder

Specific Gravity: 3.10-3.20 g/cm³

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Misty Lavender

MSDS No: 688

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 688

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium dioxide	41-48	10q mg/m ³	10q mg/m ³	13463-67-7
Mica	50-58	3c mg/m ³	3c mg/m ³	12001-26-2
D+C Red #30	1	N/A	N/A	2379-74-0
Carmine	1-2	N/A	N/A	1390-65-4

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Purple powder

Specific Gravity: N/A

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Blue Russet**MSDS No:** 689**Effective Date:** 2/28/01**Amendatory Date:** 3/14/7**1. Product Identification****Product Code:** 689**2. Composition/Information on Ingredients**

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Iron (III) Oxide	46-50	5u mg/m ³	10d mg/m ³	1309-37-1
Mica	50-54	3c mg/m ³	3c mg/m ³	12001-26-2

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics**Boiling Point:** N/A**Vapor Pressure:** N/A**Vapor Density:** N/A**Solubility in Water:** Not soluble**Appearance & Odor:** Bluish-red powder**Specific Gravity:** 3.10-3.20 g/cm³**Melting Point:** N/A**Evaporation Rate:** N/A**4. Fire & Explosion Data****Flash Point:** N/A**Auto Ignition:** N/A**Extinguishing Media:** Water spray, foam, carbon dioxide or dry chemical**Special Fire Procedures:** N/A**Unusual Hazards:** N/A**5. Reactivity Data****Stable:** Stable**Conditions to Avoid:** N/A**Incompatibility:** N/A**Hazardous Decomposition:** Carbon monoxide and carbon dioxide**Hazardous Polymerization:** Will not occur**6. Health Hazards****Routes of Entry:** Eyes, inhalation and ingestion**Acute:** Persistent cough and possible difficulty breathing.**Chronic:** Chronic inhalation may cause pulmonary fibrosis**Signs & Symptoms of Exposure:** Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.**Medical Conditions Aggravated:** None known other than those that could be aggravated by dust exposure such as respiratory impairment.**Carcinogenic:** N/A**7. Emergency & First Aid Procedures****Inhalation:** Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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Pearl Ex Sparkling Copper

MSDS No: 690

Effective Date: 2/28/01

Amendatory Date: 3/14/7

1. Product Identification

Product Code: 690

2. Composition/Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
FE2O3	12	N/A	N/A	N/A
Mica	88	3c mg/m3	3c mg/m3	12001-26-2

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Not soluble

Appearance & Odor: Orange powder

Specific Gravity: N/A

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical

Special Fire Procedures: N/A

Unusual Hazards: N/A

5. Reactivity Data

Stable: Stable

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

6. Health Hazards

Routes of Entry: Eyes, inhalation and ingestion

Acute: Persistent cough and possible difficulty breathing.

Chronic: Chronic inhalation may cause pulmonary fibrosis

Signs & Symptoms of Exposure: Dust may cause mechanical irritation to the eyes and respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long periods of time.

Medical Conditions Aggravated: None known other than those that could be aggravated by dust exposure such as respiratory impairment.

Carcinogenic: N/A

7. Emergency & First Aid Procedures

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If discomfort persists, get medical attention.

Skin: Wash affected area with soap and water.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 glasses of milk or water. Get medical attention.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well ventilated place.

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

9. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Local exhaust

Protective Gloves: Rubber or plastic

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Other Protection: plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations

Work/Hygienic Practices: Follow general industrial hygiene

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