

Black

Material Safety Data – Tie Dye Color Cords

Dye used for BLACK cord:

Trade Name.....: Orcomine Black GX-NB 200%

Chemical Name...: Trisazo Dye

Synonyms.....: Direct Black Dye

Product No: 48800

Hazardous Ingredients

Material: No Known Hazardous Ingredients Present.

Warning: Overexposure to this product may cause slight irritation of eyes and skin.

Physical Data

Appearance.....: Powder

Odor.....: Slightly Aromatic

Solubility in Water.....: Soluble

Fire and Explosion Hazard Data

Flash Point and Method.....: NA

Flammable Limits.....LEL : NA UEL: N.A.

Extinguishing Media.....: Water spray, Dry chemicals, Foam or Carbon dioxide.

Special Fire Fighting Procedures.....: Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

Unusual Fire and Explosion Hazards: none expected, but avoid the build up of dye dust clouds which could be explosive, as other organic powders are.

NFPA Fire Hazards Code

Health.....: 1

Fire.....: 1

Reactivity...: 0

Specific.....: NA

Minimal.....0

Slight.....1

Moderate....2

Serious.....3

Severe.....4

Health Hazard Data

LD50 Oral (Ingestion).....: N.E.

LD50 Dermal (Skin Contact): N.E.

LC50 (Inhalation).....: N.E.

Primary Route of Exposure.: N.E.

Threshold Limit Value.....: N.E.

Effects of Overexposure

Acute: Slight irritation of eyes and/or skin.

Chronic: no chronic ill effects known.

Emergency and First Aid Procedures

Eyes.....: Immediate and continuous irrigation with flowing water for at least fifteen minutes. Consult physician if irritation occurs.

Skin.....: Immediately flush skin with plenty of water. Wash well with soap and water. Launder contaminated clothing before reuse.

Ingestion...: If conscious, give two glasses of water to dilute. Induce vomiting only if advised by poison control center.

Inhalation...: Remove to fresh air. If effects occur, consult physician.

Physical Hazards

Precautions: Maintain good housekeeping to avoid dust build up. Avoid ingestion, eye and skin contact. Minimize inhalation exposure by using dust respirator. Wash hands after weighing dye to avoid contact of the skin or eyes with contaminated hands. A sensitized individual should not be exposed to the product which caused the sensitization.

Special Protection Information

Ventilation.....: Use local exhaust ventilation to minimize exposure.

Respiratory.....: A NIOSH/MSHA approved dust respirator should be worn.

Eye Protection.....: Wear side-shield safety glasses or chemical safety goggles.

Protective Gloves.: Wear impervious gloves as a standard handling procedure.

Other.....: Deluge safety shower, eye wash station, protective clothing.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

Chemical Reactivity

Stability.....: Stable under normal storage conditions

Incompatibility (Materials to avoid).....: Oxidizing and reducing agents.

Hazardous Decomposition Products.....: Burning will produce oxides of carbon, nitrogen and sulfur.

Hazardous Polymerization.....: Will not occur under normal conditions.

Storage Information

Precautions to be taken in handling and storing: Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling. Store in a dry place away from excessive heat, in original or similar waterproof containers. Seal containers immediately after use.

Spill, Leak and Disposal Information

Accidental release measures: utilize recommended protective clothing and respiratory protection. Mix material with sweeping compound to minimize dusting while sweeping up and containing. Vacuum contaminated area.

Disposal Considerations: Dispose of in accordance with local, state and federal environmental control regulations. Emptied containers retain product residue and should not be distributed, made available, furnished or reused except for storage and shipment of original product.

DOT Shipping Name.....: Not Regulated

Technical Shipping Name.....: Not Applicable

DOT Hazard Classification

Primary.....: Not Applicable
Secondary.....: Not Applicable

Freight Classification.....: Not Regulated
UN Number.....: Not Applicable
IMO Hazard Class.....: Not Applicable
DOT Labels Required.....: Community Right to know label
EPA/DOT Hazardous Substances Rq.....: Not Applicable

Other Government Regulations

TSCA: All components of this product are in compliance with the toxic substance control act.

Additional Comments

Practices: Handle with due care and minimize exposure in accordance with good industrial hygiene practice.

Disclaimer

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Prepared: January 3, 2008

Dharma Trading Co

Blue

Material Safety Data – Tie Dye Color Cords

Dye used for BLUE cord:

Trade Name.....: Orcolitefast Blue 7RL

Chemical Name..: Copper o-Dianisidine Based Dye

Synonyms.....: Direct Blue Dye

Product No: 45080

Hazardous Ingredients

Material: Copper, CAS# [7440-50-8] < 3.0%

Warning: Copper is listed under section 313 of the Emergency Planning and Community Right to Know Act.

Physical Data

Appearance.....: Powder

Odor.....: Slightly Aromatic

Solubility in Water.....: Soluble

Fire and Explosion Hazard Data

Flash Point and Method.....: NA

Flammable Limits.....LEL : NA

UEL: NA

Extinguishing Media.....: Water spray, Dry chemicals, Foam or Carbon dioxide.

Special Fire Fighting Procedures.....: Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

Unusual Fire and Explosion Hazards: none expected, but avoid the build up of dye dust clouds which could be explosive, as other organic powders are.

NFPA Fire Hazards Code

Health.....: 1

Fire.....: 1

Reactivity...: 0

Specific.....: NA

Minimal.....0

Slight.....1

Moderate....2

Serious.....3

Severe.....4

Health Hazard Data

LD50 Oral (Ingestion).....: >5,000 MG/KG (Rats)
LD50 Dermal (Skin Contact): >2,205 MG/KG (Rabbits)
LC50 (Inhalation).....: >1,005 MG/M3 Air (Rats)
Primary Route of Exposure.: N.E.
Threshold Limit Value.....: N.E.

Effects of Overexposure

Acute: Slight irritation of eyes and/or skin.

Chronic: no chronic ill effects known.

Emergency and First Aid Procedures

Eyes.....: Immediate and continuous irrigation with flowing water for at least fifteen minutes. Consult physician if irritation occurs.
Skin.....: Immediately flush skin with plenty of water. Wash well with soap and water. Launder contaminated clothing before reuse.
Ingestion...: If conscious, give two glasses of water to dilute. Induce vomiting only if advised by poison control center.
Inhalation...: Remove to fresh air. If effects occur, consult physician.

Physical Hazards

Precautions: Maintain good housekeeping to avoid dust build up. Avoid ingestion, eye and skin contact. Minimize inhalation exposure by using dust respirator. Wash hands after weighing dye to avoid contact of the skin or eyes with contaminated hands. A sensitized individual should not be exposed to the product which caused the sensitization.

Special Protection Information

Ventilation.....: Use local exhaust ventilation to minimize exposure.
Respiratory.....: A NIOSH/MSHA approved dust respirator should be worn.
Eye Protection.....: Wear side-shield safety glasses or chemical safety goggles.
Protective Gloves.: Wear impervious gloves as a standard handling procedure.
Other.....: Deluge safety shower, eye wash station, protective clothing.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

Chemical Reactivity

Stability.....: Stable under normal storage conditions
Incompatibility (Materials to avoid).....: Oxidizing and reducing agents.
Hazardous Decomposition Products.....: Burning will produce oxides of carbon, nitrogen and sulfur.
Hazardous Polymerization.....: Will not occur under normal conditions.

Storage Information

Precautions to be taken in handling and storing: Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling. Store in a dry place away from excessive heat, in original or similar waterproof containers. Seal containers immediately after use.

Spill, Leak and Disposal Information

Accidental release measures: utilize recommended protective clothing and respiratory protection. Mix material with sweeping compound to minimize dusting while sweeping up and containing. Vacuum contaminated area.

Disposal Considerations: Dispose of in accordance with local, state and federal environmental control regulations. Emptied containers retain product residue and should not be distributed, made available, furnished or reused except for storage and shipment of original product.

Shipping Information

DOT Shipping Name.....: Not Regulated
Technical Shipping Name.....: Not Applicable

DOT Hazard Classification
Primary.....: Not Applicable
Secondary.....: Not Applicable

Freight Classification.....: Not Regulated
UN Number.....: Not Applicable
IMO Hazard Class.....: Not Applicable
DOT Labels Required.....: Community Right to know label
EPA/DOT Hazardous Substances Rq.....: Not Applicable

Other Government Regulations

TSCA: All components of this product are in compliance with the toxic substance control act.

Additional Comments

Practices: Handle with due care and minimize exposure in accordance with good industrial hygiene practice.

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Prepared: January 3, 2008

Green

Material Safety Data – Tie Dye Color Cords

Dye used for GREEN cord:

Trade Name.....: Orcolitefast Green BL

Chemical Name..: Trisazo Dye

Synonyms.....: Direct Green Dye

Product No: 44026

Hazardous Ingredients

Material: No Known Hazardous Ingredients Present.

Warning: Overexposure to this product may cause slight irritation of eyes and skin.

Physical Data

Appearance.....: Powder

Odor.....: Slightly Aromatic

Solubility in Water.....: Soluble

Fire and Explosion Hazard Data

Flash Point and Method.....: NA

Flammable Limits.....LEL : NA

UEL: NA

Extinguishing Media.....: Water spray, Dry chemicals, Foam or Carbon dioxide.

Special Fire Fighting Procedures.....: Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

Unusual Fire and Explosion Hazards: none expected, but avoid the build up of dye dust clouds which could be explosive, as other organic powders are.

NFPA Fire Hazards Code

Health.....: 1

Fire.....: 1

Reactivity...: 0

Specific.....: NA

Minimal.....0

Slight.....1

Moderate....2

Serious.....3

Severe.....4

Page 1 of 3

Health Hazard Data

LD50 Oral (Ingestion).....: 12,000 MG/KG (Animal)

LD50 Dermal (Skin Contact): >2,000 MG/KG (Animal).

LC50 (Inhalation).....: N.E.

Primary Route of Exposure.: N.E.

Threshold Limit Value.....: N.E.

Effects of Overexposure

Acute: Slight irritation of eyes and/or skin.

Chronic: no chronic ill effects known.

Emergency and First Aid Procedures

Eyes.....: Immediate and continuous irrigation with flowing water for at least fifteen minutes. Consult physician if irritation occurs.

Skin.....: Immediately flush skin with plenty of water. Wash well with soap and water. Launder contaminated clothing before reuse.

Ingestion...: If conscious, give two glasses of water to dilute. Induce vomiting only if advised by poison control center.

Inhalation...: Remove to fresh air. If effects occur, consult physician.

Physical Hazards

Precautions: Maintain good housekeeping to avoid dust build up. Avoid ingestion, eye and skin contact. Minimize inhalation exposure by using dust respirator. Wash hands after weighing dye to avoid contact of the skin or eyes with contaminated hands. A sensitized individual should not be exposed to the product which caused the sensitization.

Special Protection Information

Ventilation.....: Use local exhaust ventilation to minimize exposure.

Respiratory.....: A NIOSH/MSHA approved dust respirator should be worn.

Eye Protection.....: Wear side-shield safety glasses or chemical safety goggles.

Protective Gloves.: Wear impervious gloves as a standard handling procedure.

Other.....: Deluge safety shower, eye wash station, protective clothing.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

Chemical Reactivity

Stability.....: Stable under normal storage conditions

Incompatibility (Materials to avoid).....: Oxidizing and reducing agents.

Hazardous Decomposition Products.....: Burning will produce oxides of carbon, nitrogen and sulfur.

Hazardous Polymerization.....: Will not occur under normal conditions.

Storage Information

Precautions to be taken in handling and storing: Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling. Store in a dry place away from excessive heat, in original or similar waterproof containers. Seal containers immediately after use.

Spill, Leak and Disposal Information

Accidental release measures: utilize recommended protective clothing and respiratory protection. Mix material with sweeping compound to minimize dusting while sweeping up and containing. Vacuum contaminated area.

Disposal Considerations: Dispose of in accordance with local, state and federal environmental control regulations. Emptied containers retain product residue and should not be distributed, made available, furnished or reused except for storage and shipment of original product.

DOT Shipping Name.....: Not Regulated

Technical Shipping Name.....: Not Applicable

DOT Hazard Classification

Primary.....: Not Applicable

Secondary.....: Not Applicable

Freight Classification.....: Not Regulated

UN Number.....: Not Applicable

IMO Hazard Class.....: Not Applicable

DOT Labels Required.....: Community Right to know label

EPA/DOT Hazardous Substances Rq.....: Not Applicable

Other Government Regulations

TSCA: All components of this product are in compliance with the toxic substance control act.

Additional Comments

Practices: Handle with due care and minimize exposure in accordance with good industrial hygiene practice.

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Prepared: January 3, 2008

Orange

Material Safety Data – Tie Dye Color Cords

Dye used for ORANGE cord:

Trade Name.....: Orcolitefast Orange WS

Chemical Name..: Azo Dye

Synonyms.....: Direct Orange Dye

Product No: 42102

Hazardous Ingredients

Material: No Known Hazardous Ingredients Present.

Warning: Overexposure to this product may cause slight irritation of eyes and skin.

Physical Data

Appearance.....: Orange Powder

Odor.....: Slightly Aromatic

Solubility in Water.....: 60 G/L @ 90 C

Fire and Explosion Hazard Data

Flash Point and Method.....: NA

Flammable Limits.....LEL : NA

UEL: NA

Extinguishing Media.....: Water spray, Dry chemicals, Foam or Carbon dioxide.

Special Fire Fighting Procedures.....: Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

Unusual Fire and Explosion Hazards: none expected, but avoid the build up of dye dust clouds which could be explosive, as other organic powders are.

NFPA Fire Hazards Code

Health.....: 1

Fire.....: 1

Reactivity....: 0

Specific.....: NA

Minimal.....0

Slight.....1

Moderate....2

Serious.....3

Severe.....4

Health Hazard Data

LD50 Oral (Ingestion).....: >15,000 MG/KG (Rats)
LD50 Dermal (Skin Contact): N.E.
LC50 (Inhalation).....: N.E.
Primary Route of Exposure.: N.E.
Threshold Limit Value.....: N.E.

Effects of Overexposure

Acute: Slight irritation of eyes and/or skin.

Chronic: no chronic ill effects known.

Emergency and First Aid Procedures

Eyes.....: Immediate and continuous irrigation with flowing water for at least fifteen minutes. Consult physician if irritation occurs.

Skin.....: Immediately flush skin with plenty of water. Wash well with soap and water. Launder contaminated clothing before reuse.

Ingestion...: If conscious, give two glasses of water to dilute. Induce vomiting only if advised by poison control center.

Inhalation...: Remove to fresh air. If effects occur, consult physician.

Physical Hazards

Precautions: Maintain good housekeeping to avoid dust build up. Avoid ingestion, eye and skin contact. Minimize inhalation exposure by using dust respirator. Wash hands after weighing dye to avoid contact of the skin or eyes with contaminated hands. A sensitized individual should not be exposed to the product which caused the sensitization.

Special Protection Information

Ventilation.....: Use local exhaust ventilation to minimize exposure.

Respiratory.....: A NIOSH/MSHA approved dust respirator should be worn.

Eye Protection.....: Wear side-shield safety glasses or chemical safety goggles.

Protective Gloves.: Wear impervious gloves as a standard handling procedure.

Other.....: Deluge safety shower, eye wash station, protective clothing.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

Chemical Reactivity

Stability.....: Stable under normal storage conditions

Incompatibility (Materials to avoid).....: Oxidizing and reducing agents.

Hazardous Decomposition Products.....: Burning will produce oxides of carbon, nitrogen and sulfur.

Hazardous Polymerization.....: Will not occur under normal conditions.

Storage Information

Precautions to be taken in handling and storing: Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling. Store in a dry place away from excessive heat, in original or similar waterproof containers. Seal containers immediately after use.

Spill, Leak and Disposal Information

Accidental release measures: utilize recommended protective clothing and respiratory protection. Mix material with sweeping compound to minimize dusting while sweeping up and containing. Vacuum contaminated area.

Disposal Considerations: Dispose of in accordance with local, state and federal environmental control regulations. Emptied containers retain product residue and should not be distributed, made available, furnished or reused except for storage and shipment of original product.

Shipping Information

DOT Shipping Name.....: Not Regulated
Technical Shipping Name.....: Not Applicable

DOT Hazard Classification
Primary.....: Not Applicable
Secondary.....: Not Applicable

Freight Classification.....: Not Regulated
UN Number.....: Not Applicable
IMO Hazard Class.....: Not Applicable
DOT Labels Required.....: Community Right to know label
EPA/DOT Hazardous Substances Rq.....: Not Applicable

Other Government Regulations

TSCA: All components of this product are in compliance with the toxic substance control act.

Additional Comments

Practices: Handle with due care and minimize exposure in accordance with good industrial hygiene practice.

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Prepared: January 3, 2008

Purple

Material Safety Data – Tie Dye Color Cords

Dye used for PURPLE cord:

Trade Name.....: Orcolitefast Violet 5BLL

Chemical Name..: Metallized Disazo Dye

Synonyms.....: Direct Violet Dye

Product No: 46066

Hazardous Ingredients

Material: Copper, CAS# [7440-50-8] < 5.0%

Warning: Copper is listed under section 313 of the Emergency Planning and Community Right to Know Act.

Physical Data

Appearance.....: Powder

Odor.....: Slightly Aromatic

Solubility in Water.....: Soluble

Fire and Explosion Hazard Data

Flash Point and Method.....: NA

Flammable Limits.....LEL : NA

Extinguishing Media.....: Water spray, Dry chemicals, Foam or Carbon dioxide.

Special Fire Fighting Procedures.....: Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

Unusual Fire and Explosion Hazards: none expected, but avoid the build up of dye dust clouds which could be explosive, as other organic powders are.

NFPA Fire Hazards Code

Health.....: 1

Fire.....: 1

Reactivity....: 0

Specific.....: NA

Minimal.....0

Slight.....1

Moderate....2

Serious.....3

Severe.....4

Health Hazard Data

LD50 Oral (Ingestion).....: >3,000 MG/KG (Animal)
LD50 Dermal (Skin Contact): N.E.
LC50 (Inhalation).....: N.E.
Primary Route of Exposure.: N.E.
Threshold Limit Value.....: N.E.

Effects of Overexposure

Acute: Slight irritation of eyes and/or skin.

Chronic: no chronic ill effects known.

Emergency and First Aid Procedures

Eyes.....: Immediate and continuous irrigation with flowing water for at least fifteen minutes. Consult physician if irritation occurs.

Skin.....: Immediately flush skin with plenty of water. Wash well with soap and water. Launder contaminated clothing before reuse.

Ingestion...: If conscious, give two glasses of water to dilute. Induce vomiting only if advised by poison control center.

Inhalation...: Remove to fresh air. If effects occur, consult physician.

Physical Hazards

Precautions: Maintain good housekeeping to avoid dust build up. Avoid ingestion, eye and skin contact. Minimize inhalation exposure by using dust respirator. Wash hands after weighing dye to avoid contact of the skin or eyes with contaminated hands. A sensitized individual should not be exposed to the product which caused the sensitization.

Special Protection Information

Ventilation.....: Use local exhaust ventilation to minimize exposure.

Respiratory.....: A NIOSH/MSHA approved dust respirator should be worn.

Eye Protection.....: Wear side-shield safety glasses or chemical safety goggles.

Protective Gloves.: Wear impervious gloves as a standard handling procedure.

Other.....: Deluge safety shower, eye wash station, protective clothing.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

Chemical Reactivity

Stability.....: Stable under normal storage conditions

Incompatibility (Materials to avoid).....: Oxidizing and reducing agents.

Hazardous Decomposition Products.....: Burning will produce oxides of carbon, nitrogen and sulfur.

Hazardous Polymerization.....: Will not occur under normal conditions.

Storage Information

Precautions to be taken in handling and storing: Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling. Store in a dry place away from excessive heat, in original or similar waterproof containers. Seal containers immediately after use.

Spill, Leak and Disposal Information

Accidental release measures: utilize recommended protective clothing and respiratory protection. Mix material with sweeping compound to minimize dusting while sweeping up and containing. Vacuum contaminated area.

Disposal Considerations: Dispose of in accordance with local, state and federal environmental control regulations. Emptied containers retain product residue and should not be distributed, made available, furnished or reused except for storage and shipment of original product.

Shipping Information

DOT Shipping Name.....: Not Regulated
Technical Shipping Name.....: Not Applicable

DOT Hazard Classification
Primary.....: Not Applicable
Secondary.....: Not Applicable

Freight Classification.....: Not Regulated
UN Number.....: Not Applicable
IMO Hazard Class.....: Not Applicable
DOT Labels Required.....: Community Right to know label
EPA/DOT Hazardous Substances Rq.....: Not Applicable

Other Government Regulations

TSCA: All components of this product are in compliance with the toxic substance control act.

Additional Comments

Practices: Handle with due care and minimize exposure in accordance with good industrial hygiene practice.

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Prepared: January 3, 2008

Red

Material Safety Data – Tie Dye Color Cords

Dye used for RED cord:

Trade Name.....: Orcomine Scarlet 4BA

Chemical Name...: Disazo Dye

Synonyms.....: Direct Red Dye

Product No: 41024

Hazardous Ingredients

Material: No Known Hazardous Ingredients Present.

Warning: Overexposure to this product may cause slight irritation of eyes and skin.

Physical Data

Appearance.....: Red Powder

Odor.....: Slightly Aromatic

Solubility in Water.....: Soluble

Fire and Explosion Hazard Data

Flash Point and Method.....: NA

Flammable Limits.....LEL : NA

Extinguishing Media.....: Water spray, Dry chemicals, Foam or Carbon dioxide.

Special Fire Fighting Procedures.....: Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

Unusual Fire and Explosion Hazards: none expected, but avoid the build up of dye dust clouds which could be explosive, as other organic powders are.

NFPA Fire Hazards Code

Health.....: 1

Fire.....: 1

Reactivity...: 0

Specific.....: NA

Minimal.....0

Slight.....1

Moderate...2

Serious.....3

Severe.....4

Page 1 of 3

Health Hazard Data

LD50 Oral (Ingestion).....: >5.000 MG/KG (Animal)

LD50 Dermal (Skin Contact): >2.000 MG/KG (Animal)

LC50 (Inhalation).....: N.E.

Primary Route of Exposure.: N.E.

Threshold Limit Value.....: N.E.

Effects of Overexposure

Acute: Slight irritation of eyes and/or skin.

Chronic: no chronic ill effects known.

Emergency and First Aid Procedures

Eyes.....: Immediate and continuous irrigation with flowing water for at least fifteen minutes. Consult physician if irritation occurs.

Skin.....: Immediately flush skin with plenty of water. Wash well with soap and water. Launder contaminated clothing before reuse.

Ingestion...: If conscious, give two glasses of water to dilute. Induce vomiting only if advised by poison control center.

Inhalation...: Remove to fresh air. If effects occur, consult physician.

Physical Hazards

Precautions: Maintain good housekeeping to avoid dust build up. Avoid ingestion, eye and skin contact. Minimize inhalation exposure by using dust respirator. Wash hands after weighing dye to avoid contact of the skin or eyes with contaminated hands. A sensitized individual should not be exposed to the product which caused the sensitization.

Special Protection Information

Ventilation.....: Use local exhaust ventilation to minimize exposure.

Respiratory.....: A NIOSH/MSHA approved dust respirator should be worn.

Eye Protection.....: Wear side-shield safety glasses or chemical safety goggles.

Protective Gloves.: Wear impervious gloves as a standard handling procedure.

Other.....: Deluge safety shower, eye wash station, protective clothing.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

Chemical Reactivity

Stability.....: Stable under normal storage conditions

Incompatibility (Materials to avoid).....: Oxidizing and reducing agents.

Hazardous Decomposition Products.....: Burning will produce oxides of carbon, nitrogen and sulfur.

Hazardous Polymerization.....: Will not occur under normal conditions.

Storage Information

Precautions to be taken in handling and storing: Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling. Store in a dry place away from excessive heat, in original or similar waterproof containers. Seal containers immediately after use.

Spill, Leak and Disposal Information

Accidental release measures: utilize recommended protective clothing and respiratory protection. Mix material with sweeping compound to minimize dusting while sweeping up and containing. Vacuum contaminated area.

Disposal Considerations: Dispose of in accordance with local, state and federal environmental control regulations. Emptied containers retain product residue and should not be distributed, made available, furnished or reused except for storage and shipment of original product.

DOT Shipping Name.....: Not Regulated

Technical Shipping Name.....: Not Applicable

DOT Hazard Classification

Primary.....: Not Applicable

Secondary.....: Not Applicable

Freight Classification.....: Not Regulated

UN Number.....: Not Applicable

IMO Hazard Class.....: Not Applicable

DOT Labels Required.....: Community Right to know label

EPA/DOT Hazardous Substances Rq.....: Not Applicable

Other Government Regulations

TSCA: All components of this product are in compliance with the toxic substance control act.

Additional Comments

Practices: Handle with due care and minimize exposure in accordance with good industrial hygiene practice.

Disclaimer

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Prepared: January 3, 2008

Turquoise

Material Safety Data – Tie Dye Color Cords

Dye used for TURQUOISE cord:

Trade Name.....: Orcolitefast Turquoise LGL

Chemical Name...: Phthalocyanine Metallized Dye

Synonyms.....: Direct Blue Dye

Product No: 45086

Hazardous Ingredients

Material: Copper Compound <50.0%

Warning: Copper Compounds are listed under section 313 of the Emergency Planning and Community Right to Know Act.

Physical Data

Appearance.....: Powder

Odor.....: Slightly Aromatic

Solubility in Water.....: Soluble

Fire and Explosion Hazard Data

Flash Point and Method.....: NA

Flammable Limits.....LEL : NA

Extinguishing Media.....: Water spray, Dry chemicals, Foam or Carbon dioxide.

Special Fire Fighting Procedures.....: Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

Unusual Fire and Explosion Hazards: none expected, but avoid the build up of dye dust clouds which could be explosive, as other organic powders are.

NFPA Fire Hazards Code

Health.....: 1

Fire.....: 1

Reactivity...: 0

Specific.....: NA

Minimal.....0

Slight.....1

Moderate....2

Serious.....3

Severe.....4

Health Hazard Data

LD50 Oral (Ingestion).....: >5,000 MG/KG (Rats)

LD50 Dermal (Skin Contact): N.E.

LC50 (Inhalation).....: N.E.

Primary Route of Exposure.: N.E.
Threshold Limit Value.....: N.E.

Effects of Overexposure

Acute: Slight irritation of eyes and/or skin.

Chronic: no chronic ill effects known.

Emergency and First Aid Procedures

Eyes.....: Immediate and continuous irrigation with flowing water for at least fifteen minutes. Consult physician if irritation occurs.

Skin.....: Immediately flush skin with plenty of water. Wash well with soap and water. Launder contaminated clothing before reuse.

Ingestion...: If conscious, give two glasses of water to dilute. Induce vomiting only if advised by poison control center.

Inhalation...: Remove to fresh air. If effects occur, consult physician.

Physical Hazards

Precautions: Maintain good housekeeping to avoid dust build up. Avoid ingestion, eye and skin contact. Minimize inhalation exposure by using dust respirator. Wash hands after weighing dye to avoid contact of the skin or eyes with contaminated hands. A sensitized individual should not be exposed to the product which caused the sensitization.

Special Protection Information

Ventilation.....: Use local exhaust ventilation to minimize exposure.

Respiratory.....: A NIOSH/MSHA approved dust respirator should be worn.

Eye Protection.....: Wear side-shield safety glasses or chemical safety goggles.

Protective Gloves.: Wear impervious gloves as a standard handling procedure.

Other.....: Deluge safety shower, eye wash station, protective clothing.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

Chemical Reactivity

Stability.....: Stable under normal storage conditions

Incompatibility (Materials to avoid).....: Oxidizing and reducing agents.

Hazardous Decomposition Products.....: Burning will produce oxides of carbon, nitrogen and sulfur.

Hazardous Polymerization.....: Will not occur under normal conditions.

Storage Information

Precautions to be taken in handling and storing: Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling. Store in a dry place away from excessive heat, in original or similar waterproof containers. Seal containers immediately after use.

Spill, Leak and Disposal Information

Accidental release measures: utilize recommended protective clothing and respiratory protection. Mix material with sweeping compound to minimize dusting while sweeping up and containing. Vacuum contaminated area.

Disposal Considerations: Dispose of in accordance with local, state and federal environmental control regulations. Emptied containers retain product residue and should not be distributed, made available, furnished or reused except for storage and shipment of original product.

DOT Shipping Name.....: Not Regulated
Technical Shipping Name.....: Not Applicable

DOT Hazard Classification

Primary.....: Not Applicable

Secondary.....: Not Applicable

Freight Classification.....: Not Regulated

UN Number.....: Not Applicable

IMO Hazard Class.....: Not Applicable

DOT Labels Required.....: Community Right to know label

EPA/DOT Hazardous Substances Rq.....: Not Applicable

Other Government Regulations

TSCA: All components of this product are in compliance with the toxic substance control act.

Additional Comments

Practices: Handle with due care and minimize exposure in accordance with good industrial hygiene practice.

Disclaimer

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Prepared: January 3, 2008

Yellow

Material Safety Data – Tie Dye Color Cords

Dye used for YELLOW cord:

Trade Name.....: Orcolitefast Yellow 4GL

Chemical Name..: Disazo Dye

Synonyms.....: Direct Orange Dye

Product No: 43044

Hazardous Ingredients

Material: No Known Hazardous Ingredients Present.

Warning: Overexposure to this product may cause slight irritation of eyes and skin.

Physical Data

Appearance.....: Powder

Odor.....: Slightly Aromatic

Solubility in Water.....: 40 G/L @ 100 C

Fire and Explosion Hazard Data

Flash Point and Method.....: NA

Flammable Limits.....LEL : NA

UEL: NA

Extinguishing Media.....: Water spray, Dry chemicals, Foam or Carbon dioxide.

Special Fire Fighting Procedures.....: Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

Unusual Fire and Explosion Hazards: none expected, but avoid the build up of dye dust clouds which could be explosive, as other organic powders are.

NFPA Fire Hazards Code

Health.....: 1

Fire.....: 1

Reactivity....: 0

Specific.....: NA

Minimal.....0

Slight.....1

Moderate....2

Serious.....3

Severe.....4

Health Hazard Data

LD50 Oral (Ingestion).....: >15,400 MG/KG (Rats)
LD50 Dermal (Skin Contact): N.E.
LC50 (Inhalation).....: 1,352 MG/M3 (Animal)
Primary Route of Exposure.: N.E.
Threshold Limit Value.....: N.E.

Effects of Overexposure

Acute: Slight irritation of eyes and/or skin.

Chronic: no chronic ill effects known.

Emergency and First Aid Procedures

Eyes.....: Immediate and continuous irrigation with flowing water for at least fifteen minutes. Consult physician if irritation occurs.

Skin.....: Immediately flush skin with plenty of water. Wash well with soap and water. Launder contaminated clothing before reuse.

Ingestion...: If conscious, give two glasses of water to dilute. Induce vomiting only if advised by poison control center.

Inhalation...: Remove to fresh air. If effects occur, consult physician.

Physical Hazards

Precautions: Maintain good housekeeping to avoid dust build up. Avoid ingestion, eye and skin contact. Minimize inhalation exposure by using dust respirator. Wash hands after weighing dye to avoid contact of the skin or eyes with contaminated hands. A sensitized individual should not be exposed to the product which caused the sensitization.

Special Protection Information

Ventilation.....: Use local exhaust ventilation to minimize exposure.

Respiratory.....: A NIOSH/MSHA approved dust respirator should be worn.

Eye Protection.....: Wear side-shield safety glasses or chemical safety goggles.

Protective Gloves.: Wear impervious gloves as a standard handling procedure.

Other.....: Deluge safety shower, eye wash station, protective clothing.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

Chemical Reactivity

Stability.....: Stable under normal storage conditions

Incompatibility (Materials to avoid).....: Oxidizing and reducing agents.

Hazardous Decomposition Products.....: Burning will produce oxides of carbon, nitrogen and sulfur.

Hazardous Polymerization.....: Will not occur under normal conditions.

Storage Information

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Spill, Leak and Disposal Information

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Disposal Considerations: Dispose of in accordance with local, state and federal environmental control regulations. Emptied containers retain product residue and should not be distributed, made available, furnished or reused except for storage and shipment of original product.

Shipping Information

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Technical Shipping Name.....: Not Applicable

DOT Hazard Classification
Primary.....: Not Applicable
Secondary.....: Not Applicable

Freight Classification.....: Not Regulated
UN Number.....: Not Applicable
IMO Hazard Class.....: Not Applicable
DOT Labels Required.....: Community Right to know label
EPA/DOT Hazardous Substances Rq.....: Not Applicable

Other Government Regulations

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