

Material Safety Data Sheet

IDENTITY (As Used on Label and List)

NEON Red, Yellow, Pink, Purple, Blue, Orange, and Green POWDERED PIGMENT

Synthetic Organic Colorant; CAS Number: Mixture

Section I - Product and Company Information

Company Name: MPK CO	Emergency Telephone Number 715-948-2100
Address 602 West Clayton Ave.	Telephone Number for Information 715-948-2100 AND 715-595-6789
Clayton, Wisconsin USA	Date Prepared 02/04/04
54004-9101	Signature of Preparer (optional) n/a

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	%(optional)
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No hazardous ingredients known at this time.

Section III - Physical/Chemical Characteristics

Boiling Range <u>None</u>	VOC <u>None</u>
% Volatile Weight: 0%	% Volatile Volume: 0%
Vapor Density (AIR = 1) <u>Non Volatile</u>	Evaporation Rate (Butyl Acetate = 1) <u>Non Volatile</u>
Appearance and Odor: Powder Pungent Specific Gravity: 1.37	Flammability Class: N/A Flash Point: None Explosive Range: None

Extinguishing Media

Use dry chemical, alcohol foam, carbon dioxide or water spray when fighting fires involving this material.

Special Fire Fighting Procedures

Keep unnecessary people away. Isolate area. Stay upwind. Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

During a fire, irritating and toxic gases may be formed. Do not breathe smoke or fumes. Wear suitable protective equipment.

Section IV - Reactivity Data

Stability: Stable

Conditions to Avoid Heat, sparks, open flame.

Incompatibility (Materials to Avoid) Strong oxidizers

Hazardous Decomposition or Byproducts In the event of combustion, oxides of carbon, nitrogen and sulfur will be formed.

Hazardous Polymerization Will not Occur

Conditions to Avoid n/a

Section V - Health Hazard Data

Route(s) of Entry: Inhalation, ingestion, skin, eyes.

Health Hazards (Acute and Chronic)

Acute Exposure:

Eye:

May cause eye irritation.

Skin:

May cause skin irritation.

Ingestion:

Ingestion of large amounts may cause gastrointestinal irritation.

Low hazard for usual industrial handling.

Inhalation:

Out gassing of formaldehyde vapors can be irritating.

Chronic Exposure:

No information found.

Carcinogenicity: -

This product contains less than 0.1% free formaldehyde and may be capable of out gassing formaldehyde at levels in excess of OSHA's Action Level under some conditions of use. Formaldehyde is a potential cancer hazard. Long term exposure may result in dermatitis or respiratory sensitization for sensitive individuals.

Signs and Symptoms of Exposure Caution! This is expected to be a low hazard for usual industrial handling. May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

Emergency and First Aid Procedures

Eyes:

Flush eyes with plenty of water for at least 15 minutes,

occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.

Skin:

Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

Ingestion:

Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Get medical aid if irritation or symptoms occur.

Inhalation:

Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Section VI - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

This material is hydrophobic and should be prevented from entering the sewer system. This is not a regulated material under 40 CFR 117, 302 (CERCLA/SUPERFUND). Notification of spills not required.

Waste Disposal Method

Place in an appropriate recovery or salvage drum for disposal.

Precautions to Be taken in Handling and Storing

Use in a well ventilated area. Improper Handling may lead to dust cloud formation which, as with any organic dust, may be an explosion hazard. Store in a dry area.

Section VII - Control Measures

Respiratory Protection (Specify Type)

Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

Ventilation n/a

Local Exhaust n/a

Special n/a

Protective Gloves Wear appropriate protective gloves to prevent skin exposure.

Eye Protection Goggles

Other Protective Clothing or Equipment Wear appropriate protective clothing to minimize contact with skin.

Work/Hygienic Practices Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Wash clothing before reuse.

Section VIII - Regulatory Information

SARA Title III Section 313: This product contains no chemicals subject to the reporting

requirements of Section 313 of the Emergency Planning and Community Right To Know Act.

Prop 65 (Carcinogen) Warning: This product contains a chemical known to the state of California to cause cancer. Ingredient Name: Formaldehyde CAS Number: 00050-00-0

Toxic Substances Control Act (TSCA): All components in this product are listed, or are excluded from listing in the US Toxic Substances Control Act Inventory.

Other: This product contains no ingredients regulated by the Clean Water Act, the Clean Air Act. This product contains no Hazardous Air Pollutants or Ozone depleting substances. This product is in compliance with the CONEG (Coalition of Northeast Governors).

FDA 21 CFR: This product is not listed by the FDA for use under 21 CFR since potential applications are so numerous that specific applications must be submitted to the FDA for inclusion in the 21 CFR FDA listing.

Disclaimer:

MPK CO. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. MPK CO. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, MPK CO. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

Material Safety Data Sheet

IDENTITY (As Used on Label and List)

Clear Glossy Paint

Product Class: Waterborne Acrylic Copolymer

Trade Name: Fabric Paint

Product Code: Fabric Paint

C.A.S. Number: Mixture

Section I - Product and Company Information

Company Name: MPK CO

Emergency Telephone Number 715-948-2100

Address 602 West Clayton Ave.

Telephone Number for Information
715-948-2100 AND 715-595-6789

Clayton, Wisconsin USA	Date Prepared 02/04/04
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54004-9101	Signature of Preparer (optional) n/a
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Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA	ACGIH	%(optional)
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Exposure Limits: V.P. (mmHg) No hazardous ingredients known at this time			
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Section III - Physical/Chemical Characteristics

Boiling Range 212 Deg. F.	VOC <u>None</u>
% Volatile Weight: 50%	Spec. Gravity: 1.05642
Vapor Density (Lighter Than AIR)	Evaporation Rate (Slower Than n-Butyl Acetate)
Liquid Density (Heavier Than Water)	
Appearance and Odor: Viscous Liquid with Low Odor	Flammability Class: None
Flash Point: N/A	

Section IV - Fire and Explosion Hazard Data

Flammability Class: None Flash Point: N/A Setflash LEL: N/M VEL: N/M Extinguishing Media: Use Water, Dry chemical, Foam, or Carbon dioxide
Special Fire Fighting Procedures: Wear positive pressure self-contained MOSH approved breathing equipment
Unusual Fire and Explosion Hazards Sealed container may rupture. Keep cool with water

Section V - Hazardous Reactivity

Stability: <u>Stable</u>	Conditions to Avoid: Mixing with or exposure to Strong Oxidizing Agents
Incompatibility (Materials to Avoid) <u>Strong oxidizers</u>	
Hazardous Decomposition Products: <u>Carbon Monoxide and Carbon Dioxide</u>	
Hazardous Polymerization <u>Will not Occur</u>	

Section VI - Health Hazard Data

Route(s) of Exposure: Inhalation, skin/eye contact
Health Hazards (None known)
Acute Health Effects: Eye: May cause eye irritation. Skin: May cause skin irritation. Vapors may cause and respiratory tract irritation
Chronic Exposure: (None known) Threshold Limit Value: None established for product by OSHA or ACGIH
Carcinogenicity: Not listed by LARC, NTP, or OSHA
Signs and Symptoms of Exposure: Irritation
Emergency and First Aid Procedures Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid. Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse. Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Ventilate area. Spill area will be slippery. Recover as much product as possible for reuse. Spread commercial absorbent over remainder and place into sealed containers for disposal.
Waste Disposal Method: Dispose in accordance with local, state, and Federal regulations. Most states prohibit disposal of liquids in landfills.
Precautions to Be taken in Handling and Storing: Use in a well ventilated area. Store in dry area.

Section VIII - Control Measures

Respiratory Protection: Usually not required. However, for confined areas or areas with poor ventilation use an organic vapors cartridge type respirator.		
Ventilation: If used in confined area.	Local Exhaust : Mechanically exhaust vapors at point(s) of application. If applicable, maintain airborne contaminant levels of chemicals below their recommended TLV's.	Special <u>n/a</u>

Protective Gloves: Impervious	Eye Protection: Splash Goggles
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Other Protective Clothing or Equipment Wear appropriate protective clothing to minimize contact with skin.

Work/Hygienic Practices Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Section IX - Regulatory Information

SARA Title III Section 313: This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right To Know Act.

Prop 65 (Carcinogen): N/A

Prop 65 (Teratogen): N/A

Disclaimer:

MPK CO., provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. MPK CO. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, MPK CO. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT AND COMPANY INFORMATION

Class: Al2O3, M2O3, Eu2O3, Dy2O3, SiO2

Chemical Family Name: Alkaline Earth Metal Aluminate
M indicates group chemical elements: Mg, Sr, Ba, Ca

Product Type: GLO POWDERS

Date Prepared: 02/04/04

Company Name: MPK CO.
Address: 602 West Clayton Ave.
Clayton, WI 54004-9101

Emergency Phone: 715-595-6789
715-948-2100

Phone: 715-948-2100
Fax: 715-948-4200

Formula: Proprietary

Statement: This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication standard 29 CFR 1910.1200. This product is considered to be a non-hazardous substance under the standard.

SECTION II - HAZARDOUS INGREDIENTS

Ingredients Gas Number: % ACGIN-TLV OSHA-PEL AS INERT DUST (Total) 2mg/m³
ACGIN-TLV 3mg/m³ OSHA-PEL

SECTION III - PHYSICAL DATA

Appearance: Light green powder with no odor. **Specific Gravity:** 3.0 - 3.6
Melting Point: Dissociates 1150 **Freezing Point:** N/AP
Vapor Pressure: N/AP **Percent Volatile:** N/AP
Vapor Density: N/AP **Evaporation Rate:** N/AP
Solubility in water: Soluble **PH (% in water):** N/AP
Weight per cubic meter: 3.0 - 3.6 **Flash Point:** N/AP
Flammability Class: N/AP **Auto-Ignition Temp:** N/AP
Extinguishing media: Water

Fire Fighting Procedure-Special:

Fire fighters should wear self-contained breathing apparatus when fighting chemical fires.
Use water spray to cool nearby containers and structures exposed to fire.

Unusual Fire and Explosion Hazards:

This product will not burn. Use appropriate techniques to fight surrounding fire.

SECTION IV - REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur **Conditions To Avoid:** Contact with acids

Incompatibility: Contact with acids **Hazardous Decomposition Products:** Will not occur

SECTION V - HEALTH HAZARD DATA

Respiratory Equipment: Local exhaust mechanical (General) **Protective Gloves:** Plastic or Neoprene

Eye Protection: Chemical glasses **Ventilation:** Proper breathing apparatus

Other Protective Equipment: Lab coat **Threshold Limit Value:** OSHA, PEL, total dust 3mg/m³

Primary Routes of Exposure: Inhalation, Ingestion, Skin **OSHA PEL:** 3mg/m³ **ACGIN TLV:** 3mg/m³

Effects of Overexposure: May cause irritation to eyes, skin, and mucous membranes

Listed Carcinogen: None

SECTION VI - EMERGENCY AND FIRST AID DATA

Skin: Wash off with soap and water, to wear gloves when handling

Eyes: Flush with water for 5 minutes

Inhalation: Remove to fresh air

Ingestion: Drink quantities of water and induce vomiting

SECTION VII - TOXICOLOGY INFORMATION

This product is of non-toxic, for further information contact manufacture

SECTION VIII - SPILL OR LEAK PROCEDURES

Spill Procedures: Wear appropriate protective equipment, avoid the generation of dust, vacuum or shovel. Material must be placed in closable container for disposal.

Waste Disposal Methods: Dispose in accordance with state and local regulations, dep.

SECTION IX - REGULATORY INFORMATION

Sara 313 Title III Toxic Substance Control Act (TSCA): All ingredients in this product are listed on the U.S EPA TSCA inventory of chemical substances.

SECTION X - HANDLING AND STORAGE INFORMATION

Store closed in cool dry area when handling wear protective clothing and respiratory protection.

Avoid scatter into air.

Other Precautions: Maintain a schedule of regular housekeeping to insure cleanliness.

SECTION XI - ADDENDUM

DEFINITIONS AND ABBREVIATIONS:

ACGIH: American Conference of Governmental Industrial Hygienists.

CASRN: Chemical Abstract Service Registry Number.

EPA: Environmental Protection Agency.

N/AP: Not Applicable

NOISH: National Institute For Occupational Safety and Health

OSHA: Occupational Safety and Health Administration.

PEL: Permissible Exposure Limits.

SARA: Superfund Amendments and Reauthorization Act.