

Boulder Image

Material Safety Data Sheet

1. Chemical Product and Company Identification

Boulder Image
4209 South 36th Place
Phoenix, Arizona 85040

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Phoenix, Arizona 85040

Telephone Number: (602) 438-9464
24-Hour Emergency Telephone
Number: (800) 627-2521

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Product Name: Groutline Gray
Synonyms: Pigment Dispersion
Product Use / Class: Aqueous Colorant

HMIS Classification:

H	F	R
2	1	0

Prepared By: Boulder Image Loss Control
Preparation Date: April 05, 2002
Review Dates: April 05, 2002

2. Composition, Information on Ingredients

Ingredients / Components	CAS #	WT %
Ethylene glycol	000107-21-1	10-30
Talc, Magnesium silicate hydrate	014807-96-6	10-30
Kaolin	001332-58-7	5-10
Carbon black, amorphous	001332-86-4	5-10
NJT SR No. 56705700001-5043P	Trade Secret	5-10
Diethylene glycol	000111-46-6	5-10
NJT SR No. 56705700001-5030P	Trade Secret	5-10
Silica, crystalline (quartz)	014808-60-7	.1 – 1

* See Section 8 for Exposure Guidelines

3. Hazards Identification

Emergency Overview: May cause eye, skin and respiratory tract irritation.

Potential Health Effects:

Eye Contact: According to test results on similar colorant base mixtures, this product is classified as a moderate eye irritant. May cause tearing, reddening and/or swelling.

Skin Contact: Colorants may cause irritation.

Inhalation: Colorants may cause irritation.

4. First Aid Measures

Eye Contact: In case of contact, immediately flush eyes with plenty of water. Obtain medical attention if irritation develops.

Skin Contact: Flush skin with plenty of water. Remove contaminated clothing. Obtain medical attention if irritation develops.

Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If unconscious, evaluate the need for artificial respiration. Get immediate medical attention.

4. First Aid Measures (cont'd)

Ingestion: If swallowed give two glasses of water and induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical attention.

5. Fire Fighting Measures

Flash Point: N/A

Flash Point Method: N/A

OSHA Flammability Classification: None

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Autoignition Temperature: Not determined

Other Flammable Properties: Burning will produce hazardous compounds including oxides of: carbon, nitrogen, sulfur. Contains material that can burn in fire if contained water is evaporated by heat or fire.

Extinguishing Media: In case of fire, use water (flood with water), dry chemical, CO2 or "alcohol foam".

Fire Fighting Procedures: As in any fire, wear self-contained positive-pressure breathing apparatus. (MSHA/NIOSH approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray.

8. Exposure Controls / Personal Protection

EXPOSURE LIMITS

	<u>Value</u>	<u>Limit</u>	<u>Reference</u>
Silica, crystalline (Quartz)	.01 mg/m ³ N.E.	TWA STEL	OSHA/ACGIH OSHA/ACGIH

Other exposure limit information: These exposure value for ethylene glycol is given as an aerosol. The AIHA WEEL for diethylene glycol is 50 PPM for total vapor and aerosol and 10 mg/m³ for aerosol alone (eight hour time-weighted averages).

The OSHA TWA and ACGIH TWA exposure values for talc are for asbestos free talc expressed as millions of particles per cubic foot (mppcf).

The exposure values for kaolin are for the respirable fraction. The exposure value for crystalline silica is for the respirable fraction.

Engineering Controls : Use adequate ventilation.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

Eye Protection: Use chemical splash goggles.

Skin Protection: Use impermeable gloves.

Other Protective Equipment: A safety shower and eye wash fountain should be readily available. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

9. Physical and Chemical Characteristics

Vapor Pressure: 17mm Hg @ 20 degrees C

Vapor Density: Is heavier than air

Specific Gravity: ~1.4

Boiling Point: >212 Degrees F

pH @ 100%: 8.0 to 9.5

Viscosity: 80-95 KU @ 77 Degrees F

VOC Content (lbs / gal): 4.51

Evaporation Rate: Is slower than Butyl Acetate

11. Toxicological Information

Crystalline silica has shown positive results in "in vitro" screening tests for mutagenicity.

12. Ecological Information

No Information Available.

13. Disposal Considerations

Disposal Methods: Waste must be disposed of in accordance with federal, state, provincial and local regulations.

Container disposal: Empty containers by removing the top and inverting to allow all free flowing product to drain. To meet regulatory criteria, the container is considered empty when less than 3% remains in the container. Additional handling is not typically required and the empty container can be discarded with other non-hazardous trash.

Note: Local disposal regulations may be more stringent and require additional restrictions or precautions. Customers should check with their local disposal company, municipal or state authority. Recycle of plastic or metal containers may require clean rather than empty containers. In this case the containers can be rinsed with mineral spirits until the containers are considered generally product free.

14. Transportation Information

U.S. DOT Transport Information

Proper Shipping Name: Not Regulated

15. Regulatory Information

U.S. FEDERAL REGULATIONS

OSHA: This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard.

Clean Air Act Section 112:

This product contains the following components present at or above the OSHA de minimus level and listed as Hazardous Air Pollutants:

	CAS Number	Wt. %
Ethylene Glycol	000107-21-110	30

INTERNATIONAL REGULATIONS

Summary of International Chemical Inventory Status

Canada	On Inventory
Europe	On Inventory
South Korea	On Inventory
Australia	On Inventory

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