

IMG Chemicals Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION:

Company Contact Information
IMG Chemicals Corporation
P.O. Box 52461 Atlanta, GA 30355 USA
Telephone: +1(678) 513-69-23
Emergency Telephone Number
CHEMTREC: 800-424-9300 (24 hours)

Product Name: **Epoxy Weld Agent Multi Purpose**
Item N^o: **MG-425**
Product Type: Epoxy adhesive

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}			
25068-38-6	40-50		
CALCIUM CARBONATE 471-34-1	20-30	10 mg/m ³ dust	15 mg/m ³ dust; 5 mg/m ³ respir
BARIUM SULFATE 7727-43-7	20-30	10 mg/m ³ total dust	5 mg/m ³ resp. dust
IRON OXIDE 1309-37-1	10-20	5 mg/m ³ (Fe)	10 mg/m ³ (Fe) particulate
SILICON DIOXIDE, AMORPHOUS 112945-52-5	1-10	10 mg/m ³ TWA	6 mg/m ³ TWA

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye and skin irritation. Harmful if swallowed. May cause skin sensitization.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.

Signs and Symptoms of Exposure: Repeated skin contact may cause allergic skin reactions.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
BARIUM SULFATE 7727-43-7	20-30		Group A4 - Not classifiable	
IRON OXIDE 1309-37-1	10-20		A4 - Not Classifiable	Group 3
SILICON DIOXIDE, AMORPHOUS 112945-52-5	1-10	Group 2 - Reasonably anticipated		Amorphous Silica, Group 3: Vol. 68: 1997

Medical Conditions Recognized

as Being Aggravated by Exposure: None known

4. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

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Item №: MG-425

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): More than 400 degrees F. Method: Open Cup
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Hazardous Products Formed by Fire or Thermal Decomposition: Irritating vapors.
Unusual Fire/Explosion Hazards: None.
Lower Explosive Limit: Not determined
Upper Explosive Limit: Not determined

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store below 100 degrees F.
Handling: Avoid prolonged skin contact. Keep away from eyes. Do not inhale vapors.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: General ventilation is usually adequate.
Respiratory Protection: An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black paste
Odor: MILD
Boiling Point (°F): Greater than 300 degrees F.
pH: Does not apply
Solubility in Water: Insoluble
Specific Gravity: 1.82
VOC Content(Wt.%): Not determined
Vapor Pressure: Not determined
Vapor Density (Air=1): Not Determined
Evaporation Rate: Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: WILL NOT OCCUR
Incompatibilities: Strong oxidizers.
Conditions to Avoid: High temperatures.
Hazardous Products Formed by Fire or Thermal Decomposition: Irritating vapors.

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11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations.

US EPA Waste Number: May be a TCLP waste per 40CFR 261.24/Barium.

14. TRANSPORT INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: Unrestricted

Hazard Class: NONE

UN/ID Number: None

Marine Pollutant: None

IMDG

Proper Shipping: Unrestricted

Hazard Class: None

UN Number: None

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical
NONE

TSCA Inventory Status:

All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 1, REACTIVITY 0

Estimated HMIS Classification: FLAMMABILITY 1, REACTIVITY 0, HEALTH 2

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

Revision Date: 09/09/2013