

Material Safety Data Sheet

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Section 1: Product Identification

MSDS Code: 8329 - aerosol **Name: Epoxy Mould Release**

Related Part Numbers: 8329-350G

Use: For preventing epoxies from sticking to molds.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
64742-49-0	Aliphatic naphtha	1-5	N/e	300ppm	N/e
74-98-6	Propane	10-30	Asphyxiant	1000ppm	N/e
75-28-5	Isobutene	7-13	N/e	1000ppm	N/e
142-82-5	Heptane	40-70	N/e	400ppm	N/e

Section 3: Hazards Identification

WHMIS Codes: A, B5, D2B

NFPA Ratings: Health 1 Flammability 4 Reactivity 0

HMIS Ratings: Health 1 Flammability 4 Reactivity 0

Eyes: Liquid splashed into eyes may cause discomfort, pain, and irritation.

Skin: Prolonged and repeated contact can cause irritation and dermatitis.

Inhalation: May cause irritation of the respiratory system, dizziness, nausea, and light-headedness. Primarily a central nervous system depressant...

Ingestion: May cause chemical pneumonia if aspirated into the lungs.

Chronic: Prolonged exposure above the permissible exposure limits may result in lung, kidney, and liver damage.

Section 4: First Aid Measure

Eyes: Remove contact lenses. Flush with water or saline. Get medical aid.

Skin: Wash skin with large quantities of soap and water. Get medical aid if symptoms persist.

Inhalation: Immediately remove from exposure to fresh air. If breathing is difficult, give oxygen. Get medical aid.

Ingestion: Do not induce vomiting. If conscious, give 1-2 glasses of water. Get medical aid.

Section 5: Fire Fighting Measures

Autoignition Temperature: 204 **Flash Point:** -7 **LEL / UEL:** 0.5/9.5
Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.
General Information: Will burn if involved in a fire. Containers may explode from heat of a fire.

Section 6: Accidental Release Measures

Spill Procedure: Remove all sources of ignition. Provide adequate ventilation. Wear appropriate personal protection. Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container. Wipe up further residue with paper towel and place in container. Wash spill area with soap and water.

Section 7: Handling and Storage

Handling: Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose container to heat or flame.
Storage: Keep away from sources of ignition. Store in a cool, dry, well-ventilated area, away from incompatible substances. Keep from freezing.

Section 8: Exposure Controls

Routes of entry: Eyes, ingestion, inhalation, and skin.
Ventilation: Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.
Personal Protection: Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Use a NIOSH approved respirator when necessary.

Section 9: Physical and Chemical Properties

Physical State:	Aerosol	Odor:	Hydrocarbon	Solubility :	Negligible	Evaporation Rate:	>1 (Ether=1)	
Boiling Point:	205	Specific Gravity:	0.60-0.64	Vapor Pressure:	65-80 PSI@20°C	Vapor Density:	>1 (Air=1)	pH: N/a

Section 10: Stability and Reactivity

Stability: Stable at normal temperatures and pressures.
Conditions to avoid: Temperatures over 40°C, ignition sources, and incompatible substances.
Incompatibilities: Strong oxidizing agents, acids, and bases.
Polymerization: Will not occur.
Decomposition: Carbon oxides

Section 11: Toxicological Information

Sensitization: (effects of repeated exposure)	Unknown.					
Carcinogenicity: (risk of cancer)	Heptane contains trace of Benzene-Carcinogenic risks to humans based on the evaluation of IARC.					
Teratogenicity: (risk of malformation in an unborn fetus)	Not known to occur.					
Reproductive Toxicity: (risk of sterility)	No					
Mutagenicity: (risk of heritable genetic effects)	Benzene-may cause Heritable Genetic damage.					
Lethal Exposure Concentrations:	Ingestion (LD50):	20000 mg/kg (rat)	Inhalation (LC50):	142,500 ppm (4h)	Skin (LD50):	N/e

Section 12: Ecological Information

General Information: Avoid runoff into storms and sewers, which lead into waterways. Water runoff can cause environmental damage.

Environmental Impact Data: (percentage by weight)

CFC: 0 **HFC:** **Cl.Solv:** 0 **VOC:** 95-97 **HCFC:** 0 **ODP:** 0

Section 13: Disposal Information

General Information: Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff can cause environmental damage.

Section 14: Transportation Information

Ground:

Consumer Commodity ORM-D

Air:

Shipper must be trained and certified. Refer to IATA regulations.

Sea:

UN# 1950. Class 2.1. Shipper must be trained and certified. Refer to IMDG regulations.

Section 15: Regulatory Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

SARA (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

None of the chemicals in this product have a reportable quantity.

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.



Section 15: Regulatory Information Cont.

RoHS (The restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2004).

This product is RoHS compliant.

CAA (Clean Air Act, USA)

This product does not contain any class 1-ozone depletors.

This product does not contain any class 2-ozone depletors.

This product does not contain any chemicals listed as hazardous air pollutants.

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product contains chemical Known to the state of California to cause birth defects or other reproductive harm. Benzene CAS# 71-73-2 (Trace amount in Heptane).

Health Canada

Labeling and containers used in this product are listed in compliance with Consumer Chemicals and Container regulations.

Environment Canada

Chemicals in this product are listed on the Domestic Substances List in the Canadian Environmental Protection Act

This product does not contain any ozone depleting substances.

Industry and Science Canada

Labeling, product identity, net quantity declaration, minimum printing type size heights, and packaging of this product is in compliance with the Consumer Packaging and Labeling Act and Regulations. This product is not slack filled in accordance to chapter 4 prohibitions.

Section 16: Other Information

Definitions: N/a = not applicable, n/e = not established

Disclaimer: This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.