MSDS Code: 8701



Material Safety Data Sheet

Revision Date Prepared by Technical Information

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Section 1: Product Identification

MSDS Code: 8701 Name: Thread locker, Low strength, Removable

Related Part Numbers: 8701-10ML; 8701-50ML Use: Removable thread lockers for fasteners up to ¼"

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
25852-47-5	Polyglycol dimethacrylate	45-50%	N/E	N/E	N/E
9004-96-0	Polyglycol Oleate	35-40%	N/E	N/E	N/E
68909-20-6	Silica, amorphous	4-6%	10mg/m ³	20ppm	N/E
80-15-9	Cumene Hydro peroxide	4-6 %	N/E	N/E	N/E
57-55-6	Propylene glycol	1-5%	N/E	N/E	N/E
81-07-02	Benzoic sulfimide/Saccharin	1- 5%	N/E	N/E	N/E

Section 3: Hazards Identification

NFPA Ratings: Health 1 Flammability 1 Reactivity 1
HMIS Ratings: Health 1 Flammability 1 Physical Hazard 1

Eyes: Mild irritation.

Skin: Very mild irritation.

Inhalation: Very mild, if any, irritation.

Ingestion: Not expected to be harmful by this method.

Chronic: May cause dermatitis on prolonged contact to sensitive skin.

Section 4: First Aid Measure

Eyes: Remove contact lenses. Flush with plenty of water. Get medical aid.

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

Inhalation: Immediately remove from exposure to fresh air.

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

Section 5: Fire Fighting Measures

Autoignition Temperature: N/E Flash Point: >93°C/200°F LEL / UEL: N/A

Extinguishing Media: Use dry chemical, carbon dioxide, or chemical foam.

General Information: Will burn if involved in a fire. Containers may explode in the heat of a fire.



Section 6: Accidental Release Measures

Spill Procedure: Protect from entering drains or water systems. 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.

Section 7: Handling and Storage

Handling: Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale.

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 Eyes, ingestion, inhalation, and skin.

entry:

Ventilation:

Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure

limits

Personal Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective

Protection: clothing to prevent skin contact. Wear Neoprene, butyl or natural rubber gloves. Use a NIOSH

approved respirator when necessary.

Section 9: Physical and Chemical Properties

Physical Purple liquid Odor: Mild Solubility Slight Evaporation N/A State: Evaporation N/A in water: Rate:

Boiling 149°C/300°F Specific 1.05 Vapor >5mm Vapor Density: N/E pH: N/A

Point: Gravity: Pressure: @80°F

Section 10: Stability and Reactivity

Stability: Stable at normal temperatures and pressures.

Conditions to avoid: N/a
Incompatibilities: None

Polymerization: Will not occur.

Decomposition: None.

Section 11: Toxicological Information

Sensitization: (effects of repeated exposure)

Carcinogenicity: (risk of cancer)

Not known to

Teratogenicity: (risk of malformation in an unborn fetus)

Not known to

Reproductive Toxicity: (risk of sterility)

Not known to

Mutangenicity: (risk of heritable genetic effects)

Not known to

Inhalation Inhalation **Lethal Exposure** Ingestion Skin Concentrations: (LD50): (LC50): (LD50): (TCLo): Polyglycol dimethacrylate N/F N/F N/E >25 gm/kg N/E N/E N/E Polyglycol Oleate

Mouse

20 gm/kg N/A N/E 20800 2180 mg/m/6H/90D

Propylene glycol Rat mg/kg (Intermittent)

Rabbit Rat

Silica, amorphous N/E N/E N/E N/E



Cumene Hydro peroxide 382 mg/kg 220ppm/4H 500 mg/kg 50 ppm/4H/3D Rat Rat Rat (intermittent) Rat

Benzoic sulfimide/Saccharin N/E N/E N/E N/E N/E

Section 12: Ecological Information

General Information:

Volatile Organic Compounds, % by weight: 0
Volatile Organic Compounds, grams per litre: 0

Section 13: Disposal Information

General Information: Non-hazardous. Dispose of in accordance with all local, provincial, state, and federal

regulations. Water runoff can cause environmental damage.

Section 14: Transportation Information

Ground:

Not regulated

Air:

Not regulated

Sea:

Not regulated

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. CANADA

DSL

All ingredients in this product are listed on the Domestic Substances List

Health Canada

Products produced by MG Chemicals intended for retail display conform to the Canadian Consumer Labeling regulations.

Industry and Science Canada

MG Labels products intended for the workplace to conform to WHMIS labeling regulations. Product identification, net quantity declaration, minimum printing type size heights, and packaging of this product is in compliance.

WHMIS

This product belongs to the following categories: D2B

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.

<u>USA</u>

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

Cumene Hydro peroxide CAS# 80-15-9 is listed under section 313 as toxic material.

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

This product contains Cumene Hydro peroxide (5%) a toxic chemical 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.

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

This product does not contain any chemicals listed.

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EUROPE

RoHS

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

WEEE

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

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.