Material Safety Data Sheet

Revision Date	**Prepared by**	**Technical Information**
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Section 1: Product Identification

MSDS Code: 8702 Name: Thread locker, Medium Screw, Removable

Related Part Numbers: 8702-10ML; 8702-50ML

Use: Removable thread locker for fasteners up to ¾" or smaller.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
25852-47-5	Polyglycol dimethacrylate	60 - 65	N/e	N/e	N/e
9004-96-0	Polyglycol Oleate	26-31	N/e	N/e	N/e
81-7-2	Saccharin	4-6	N/e	N/e	N/e
57-55-6	Propylene Glycol	2 - 4	N/e	N/e	N/e
112945-52-5	Silica, Amorphous Fumed	2-4	N/e	N/e	N/e
80-15-9	Cumene Hydro peroxide	1-3	N/e	N/e	N/e
613-48-9	N, N-Dialkyltoluidines	0.2-1.1	N/e	N/e	N/e

Section 3: Hazards Identification

NFPA Ratings: Health 1 Flammability 1 Reactivity 1

HMIS Ratings: Health 1 Flammability 1 Reactivity 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 large quantities of soap and water. Get medical aid if symptoms persist.

Inhalation: Immediately remove from exposure to fresh air.

Ingestion: Do not induce vomiting. 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 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. Wear Neoprene, butyl or natural rubber gloves. Use a NIOSH approved respirator when necessary.

Section 9: Physical and Chemical Properties

Physical State:	Blue Liquid	**Odor:**	Mild	**Solubility:**	Slight	**Evaporation Rate:**	N/a		
Boiling Point:	149°C/300°F	**Specific Gravity:**	1.08 >25°C	**Vapor Pressure:**	<0.5mmbar >30°C	**Vapor Density:**	N/e	**pH:**	N/a

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) Not known to

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

Lethal Exposure Concentrations:	**Ingestion (LD50)**	**Inhalation (LC50):**	**Skin (LD50):**	**Inhalation (TCLo):**
Polyglycol dimethacrylate	N/e	N/e	N/e	N/e
Polyglycol Oleate	>25 gm/kg Mouse	N/e	N/e	N/e
Propylene Glycol	20 gm/kg Rat	N/e	20800 mg/kg Rabbit	2180 mg/m/6H/90D (Intermittent)
Silica, Amorphous Fumed	N/e	N/e	N/e	N/e
Cumene Hydro peroxide	382 mg/kg Rat	220ppm/4H Rat	500 mg/kg Rat	50 ppm/4H/3D (intermittent) Rat
enzoic sulfimide/Saccharin	N/e	N/e	N/e	N/e

Section 12: Ecological Information

General Information:

Volatile Organic Compounds, % by weight: N/A
Volatile Organic Compounds, grams per litre: N/A

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.

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 are 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.

USA

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 (3%) 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.

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.