

Material Safety Data Sheet

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Section 1: Product Identification

MSDS Code: 8310 - Liquid **Name: Conformal Coating Stripper**

Related Part Numbers: 8310-100ML, 8310-55ML

Use: Removing conformal coatings.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
872-50-4	1-methyl-2-pyrrolidinone	30-60	100 ppm	N/E	N/E
Mixture	Dibasic Ester (Mixture)				
119-40-0	Dimethyl Glutarate 55-65%	10-20	N/E	N/E	N/E
627-93-0	Dimethyl Adipate 10-25%				
106-65-0	Dimethyl Succinate 15-25%				
5989-27-5	D'Limonene	1-5	N/E	N/E	N/E

Section 3: Hazards Identification

Eyes: Causes eye irritation, and possible eye burns.
Skin: May cause skin irritation.
Inhalation: May cause respiratory tract irritation.
Ingestion: May cause respiratory and digestive tract irritation.
Chronic: Prolonged or repeated overexposure to the skin may cause injury.

Section 4: First Aid Measure

Eyes: Remove contact lenses. Flush with water or saline. Get medical aid if irritation persists.
Skin: Wash skin with soap and water. Get medical aid if symptoms persist.
Inhalation: Immediately remove from exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Ingestion: Do not induce vomiting. Give large amounts of water to dilute product. Get immediate medical aid.

Section 5: Fire Fighting Measures

Autoignition Temperature: N/E **Flash Point:** 91°C (67) **LEL / UEL:** N/E
Extinguishing Media: Dry chemical, alcohol foam, or carbon dioxide water spray. Do not use direct water stream.
General Information: Product is flammable.

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, and inhalation
- 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: Liquid	Odor: Mild amine odor	Solubility in water: Yes	Evaporation Rate: N/E
Boiling Point: N/E	Specific Gravity: 1.02 @20°C	Vapor Pressure: N/E	Vapor Density: N/E pH: 6.0-7.0 @20°C

Section 10: Stability and Reactivity

- Stability:** Stable at normal temperatures and pressures.
- Conditions to avoid:** Incompatible materials such as strong oxidizers.
- Incompatibilities:** Strong oxidizers, acids and alkalis.
- Polymerization:** Will not occur.
- Decomposition:** Carbon monoxide, carbon dioxide, and nitrogen oxide.

Section 11: Toxicological Information

Sensitization: (effects of repeated exposure)	No			
Carcinogenicity: (risk of cancer)	No			
Teratogenicity: (risk of malformation in an unborn fetus)	No			
Reproductive Toxicity: (risk of sterility)	No			
Mutagenicity: (risk of heritable genetic effects)	No			
Lethal Exposure Concentrations:	Ingestion (LD50):	Inhalation (LC50):	Skin (LD50):	Inhalation (TCLo):
N-methyl pyrrolidone	3914 mg/kg Rat	5.1 mg/l 4H Rat	8gm/kg Rabbit	100 ppm/6H/2Y Rat
Dibasic Ester (Mixture)	8191 mg/kg Rat	11 mg/l/4H Rat	N/A	N/A
Dimethyl Glutarate 55-65%				
Dimethyl Adipate 10-25%				
Dimethyl Succinate 15-25%				
D'Limonene	4400 mg/kg Rat	N/A	>5 gm/kg Rabbit	N/A

Section 12: Ecological Information

- General Information:**
- Volatile Organic Compounds, % by weight: 10%
- Volatile Organic Compounds, grams per litre: 102 g/L

Section 13: Disposal Information

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

Section 14: Transportation Information

Ground:

Non-regulated.

Air:

Non-regulated.

Sea:

Non-regulated.

Section 15: Regulatory Information

CANADA

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: **B3, 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)

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of Title III of the superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372

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

This product does not contain 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.

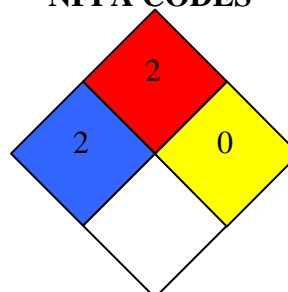
California Proposition 65 (Chemicals know to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain chemicals known to the state to cause reproductive toxicity and cancer respectively.

HMIS RATING

HEALTH:	2
FLAMMABILITY:	2
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA CODES





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.