Peelable Solder Mask

862

- Temporary, peelable
- Thixotropic, synthetic latex designed to withstand fluxing, wave soldering and cleaning
- No ammonia
- Quick drying
- Non-corrosive to copper, gold, silver or pre-soldered surfaces
- Opaque pink in color when applied, translucent red when cured
- Cured mask can be for masking conformal coatings

862-150ML (5oz)

Applications

May be used in robotic, pneumatic, hand applied or template screening (not recommended for silk screening). Excellent for masking contacts, gold fingers, card edges and desired areas during conformal coating applications.

Specifications

Property	Result
Cure type	Thermal
Cure time @ 25°C	1 hour
Cure time @ 65°C	30 minutes
Cure time @ 82°C	20 minutes
Removal	Peel off. Dried mask is not soluble in liquids.
Viscosity	28,000 - 30,000 cps
Suggested thickness	20 - 30 mils
Thinner	D.I. water
High temperature limit	315°C / 600°F

Available Sizes

Catalog Number	Sizes Available	Description
862-150ML	150mL (5.3 oz)	Tube

Material Safety Data Sheet

Section 1: Product Identification

MSDS Code: 862 **Name: Peelable Solder Mask**

Related Part Numbers: 862-150ML

Use: For temporarily masking circuit boards.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
N/e	Acrylic latex polymer	75-90	N/e	N/e	N/e
9064-13-5	Alkoxylated alkyl phenol	5-10	N/e	N/e	N/e
8029-76-3	Hydroxylated lecithin	1-5	N/e	N/e	N/e
N/e	Pigment	< 1	N/e	N/e	N/e
6683-19-8	Tetrakis Methane	< 1	N/e	N/e	N/e
97953-25-8	2-propenoic acid, telomer with 2 Methyl-2-1-propanesulfonic acid monosodium salt and sodium hyrogensulfite, sodium salt	1-5	N/e	N/e	N/e
68515-40-2	C7-C9 alkyl benzyl phthalate	1-5	N/e	N/e	N/e

Section 3: Hazards Identification

WHMIS Codes: n/a

NFPA Ratings: Health 0 Flammability 0 Reactivity 0

HMIS Ratings: Health 0 Flammability 0 Reactivity 0

Eyes: Avoid contact with eyes, may cause redness, irritation and conjunctivitis.

Skin: Mild irritation.

Inhalation: Very mild, if any, irritation.

Ingestion: Nausea and diarrhea are possible.

Chronic: This product may sensitize heart muscle causing cardiac arrhythmia, in rare cases.

Section 4: First Aid Measure

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

Skin: Wash skin with soap and water for. 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:** None **LEL / UEL:** N/a

Extinguishing Media: Use water spray, 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: 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.

Storage: Keep away from sources of ignition. Store in a cool, dry, well-ventilated area. 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 clothing to prevent skin contact.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	**Odor:**	Low odor	**Solubility:**	Fully miscible	**Evaporation Rate:**	N/a		
Boiling Point:	100°C	**Specific Gravity:**	1	**Vapor Pressure:**	N/a	**Vapor Density:**	1.0	**pH:**	7

Section 10: Stability and Reactivity

Stability: Stable at normal temperatures and pressures.

Conditions to avoid: Temperatures over 40°C, ignition sources.

Incompatibilities: Strong acids, oxidizers, corrosive materials.

Polymerization: Will not occur.

Decomposition: Carbon Dioxide and carbon Monoxide may form when heated to decompostion.

Section 15: Regulatory Information Cont'd

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

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 know to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain any chemicals listed.

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.

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

This product is RoHS compliant.

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.