

GC Electronics

1801 Morgan Street
Rockford, IL 61102
Phone: (815) 968-9661
Fax: (815) 968-9731
www.gcelectronics.com

Product Name: Insulating Coating

MSDS Number: 135
Revision Date: 7/6/06
Supersedes Date: 8/2/00

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: Coating
Product Name: **Insulating Coating**
Part Number(s): **10-1762**
10-1766

Emergency Contact: **Chemtrec**
Phone: **(800) 424-9300**

Section 1 – Identification of Product

Common Name: Insulating Coating
Chemical Name: Plastic Dip/Plasti Dip and Plasti Dip UV

HMIS RATINGS

National Fire Protection Association (NFPA)

| | | | |
|-----------------|------|---------------|---|
| Health | 2 | Insignificant | 0 |
| Flammability | 3 | Slight | 1 |
| Reactivity | 0 | Moderate | 2 |
| Special Hazards | None | High | 3 |
| | | Extreme | 4 |

Personal Protection B Gloves, Safety Glasses B

Section 2 – Hazardous Ingredients Information

| Hazardous Components Chemical and Identity and Common Name(s) | % Wt. (Optional) | CAS # | OSHA PEL | ACGIH TLV | Other Limits Recommended |
|---|------------------|------------|----------|-----------|--------------------------|
| VM & P Naphtha | 36.5-37.1 | 64742-89-8 | 300 ppm | 300 ppm | None |
| Hexane | 18.2-18.6 | 110-54-3 | 500 ppm | 50 ppm | None |
| Toluene | 14.6-14.8 | 108-88-3 | 200 ppm | 50 ppm | None |
| Methyl Ethyl Ketone | 3.5-3.7 | 78-93-3 | 200 ppm | 200 ppm | None |
| Resins | 25.8-27.1 | N/A | N/A | N/A | None |

Warning: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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Section 3 – Physical Data

| | |
|--|---|
| Boiling Point: | 149 – 285°F 0.79 – 0.83 |
| Specific Gravity (H ₂ O=1): | |
| Approximate Weight Per Gallon (lbs): | 6.60 – 6.90 |
| Vapor Pressure (mm Hg): | 125 mm/Hg (20°C) |
| Vapor Density (air = 1): | Heavier than air |
| Evaporation Rate (butyl acetate = 1): | >1.0 |
| Solubility in Water: | Insoluble |
| Percent Volatile: | 72.8 – 74.8% |
| VOC lbs/gal: | 4.9 – 5.0 |
| Appearance and Odor: | Various Colors, honey like substance – characteristic odor. |

Section 4 – Fire and Explosion Hazard Data

| | |
|---|---|
| Flash Point (method used): | -10.0 °F TCC |
| Flammable Limits: | LEL 0.9 UEL 11.5 |
| Extinguishing Media: | Carbon dioxide, dry chemical or foam |
| Special Fire Fighting Procedures: | Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode. |
| Unusual Fire and Explosion Hazards: | This material is flammable and may be ignited by heat, sparks, flame or static electricity. |
| Hazardous Products Formed by Fire or Thermal Decomposition: | Carbon dioxide and/or carbon monoxide. |
| Explosive Limits (% by volume in air): | 0.9 – 11.5 |

Section 5 – Health Hazard Data

| | |
|--|---|
| Routes of Entry: | <u>4</u> Inhalation <u>4</u> Skin <u>4</u> Ingestion <u>4</u> Eyes |
| Health Hazards: | <u>4</u> Acute <u>4</u> Chronic See signs and symptoms of exposure below. Brain and nervous system damage (referred to as solvents or painters syndrome). Drying or cracking skin. |
| Carcinogenicity: | No |
| Signs and Symptoms of Exposure: | Headache, dizziness, drowsiness, fatigue, irregular heartbeat, skin and eye irritation. |
| Medical Conditions Generally Aggravated by Exposure: | N/A |
| Emergency and First Aid Procedures | |
| Ingestion: | Contact physician or poison control immediately. |
| Inhalation: | Remove to fresh air. Administer oxygen or artificial respiration if necessary. |
| Eye Contact: | Flush with large amounts of water. If irritation persists, contact physician. |
| Skin: | Wash with soap and water. |

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Section 6 – Reactivity Data

Stability: 4 Stable ___ Unstable
Conditions to Avoid: None

Incompatibility (materials to avoid): Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.

Hazardous Decomposition
or By Products: Carbon monoxide, carbon dioxides.

Hazardous Polymerization: 4 Will Not Occur ___ May Occur
Conditions to Avoid: May be ignited by heat, sparks, flame or static electricity

Section 7 – Spill or Leak Procedures

Steps to be taken in case
material is released or spilled: Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers.
Eliminate all sources of ignition. Ventilate to maintain exposure below PEL's.
Use sand or other material to dam or contain spills. If large spill, notify
appropriate state and local agencies.

Waste Disposal Methods: Dispose of product in accordance with local, county, state and federal
regulations.

Section 8 – Special Protection Information

Respiratory Protection (specify type): Depending on the airborne concentration, use a respirator or gas mask with
appropriate NIOSH approved cartridge and canister, or supplied air equipment.

Protective Gloves: Impervious

Ventilation: Maintain PEL's

Local Exhaust: Supplemental (if needed)

Special: None

Mechanical (General): To maintain exposure below PEL's

Other: None

Eye Protection: Chemical splash goggles or approved eye protection.

Other Protective
Clothing or Equipment: Chemical clothing/eye bath/safety shower

Work Hygienic Practices: Wash thoroughly after handling.

Section 9 – Special Precautions

Precautions to be taken
in handling and storage: Avoid any contact with eyes. Keep container closed. Use with adequate
ventilation. Keep away from sparks, flame and heat sources. Avoid inhalation
of vapors and contact with liquid product. Use good personal hygiene
practices and store in a cool area.

Other Precautions: Keep container closed when not in use. Containers should be disposed of in an
environmentally safe manner in accordance with governmental regulations.

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Section 10 – Regulatory Information

| | |
|---------------------------|------------------|
| DOT Proper Shipping Name: | Coating Solution |
| DOT UN Number: | UN1139 |
| DOT Hazard Class: | 3 |
| Packaging Group | II |

| | |
|---------------------------|------------------|
| UN or NAID# | UN1139 |
| IATA Proper Shipping Name | Coating Solution |
| IATA Hazard Class | 3 |
| IATA Packing Group | II |

DOT Exception: See DOT 49CFR 172,102, New Special Provision 149 and DOT 49CFR 171.8 for consumer commodity, ORM-D.

This product contains the following chemicals subject to reporting requirements of Section 313 of The Emergency Planning and Community Right-to-Know Act of 1986, 40 CFR 372. (See table on page 1 for CAS# and percent by weight). Hexane, Toluene and Methyl Ethyl Ketone.

Warning: This product contains the following chemicals known to the State of California to cause birth defects or other reproductive harm. Toluene

Disclaimer

GC Electronics believes that the information contained herein is accurate and reliable as of the date of this material safety data sheet, but no representation guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. Persons receiving this information are encouraged to make their own determination as to the information's suitability and completeness for their particular application. NO INFORMATION CONTAINED HEREIN CONSTITUTES A PRODUCT WARRANTY OF ANY KIND, WHETHER EXPRESS OR IMPLIED; AND ALL IMPLIED WARRANTIES OF MERCHANT ABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED BY GC ELECTRONICS.