



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

MSDS Number: 135
 Revision Date: 03/26/2014
 Supersedes Date: 04/13/2011

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Name: INSULATING COATING

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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

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

NFPA Ratings:

Fire 3
 Reactivity 0
 Health 2
 Special Hazards None

HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV	National Fire Protection Association (NFPA) FIRE <u>3</u> REACTIVITY <u>0</u>
	HEALTH <u>2</u> SPECIAL HAZARDS <u>None</u>

SECTION 2: HAZARDS INGREDIENTS

SECTION II - HAZARDOUS INGREDIENTS INFORMATION. All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater.					
HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)	% Wt. (OPTIONAL)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMEND
VM&P Naphtha	32-38	64742-89-8	300 ppm	300 ppm	None
Hexane	16-19	110-54-3	500 ppm	50 ppm	None
Toluene	13-16	108-88-3	200 ppm	50 ppm	None
Methyl Ethyl Ketone	3-7	78-93-3	200 ppm	200 ppm	None
Resins	25-27	N/A	N/A	N/A	None

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT 149 - 285°F	SPECIFIC GRAVITY (H ₂ O =1) 0.79 - 0.83	APPROXIMATE WEIGHT PER GALLON (LBS) 6.60-690
VAPOR PRESSURE 125 mmHg @ 20°C	VAPOR DENSITY (AIR = 1) Heavier than air	EVAPORATION RATE (BUTYL ACETATE =1) > 1.0
SOLUBILITY IN WATER Insoluble	% VOLATILE 72-75% VOC LBS./GAL 4.8-5.2	OTHER (IF ANY) None
APPEARANCE AND ODOR Various Colors, Honey Like Substance - Characteristic Odor		



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

MSDS Number: 135
 Revision Date: 03/26/2014
 Supersedes Date: 04/13/2011

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Name: INSULATING COATING

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	-10.0°F TCC	FLAMMABLE LIMITS	0.9 – 11.5	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: OPTIONAL HAZARD RATINGS IDENTIFICATION

HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV	National Fire Protection Association (NFPA)	
	FIRE <u> 3 </u>	REACTIVITY <u> 0 </u>
	HEALTH <u> 2 </u>	SPECIAL HAZARDS <u> None </u>

SECTION 6: REACTIVITY AND STABILITY DATA

STABILITY	UNSTABLE	STABLE X	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 Dioxide			
HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR X	CONDITIONS TO AVOID None

SECTION 7: HEALTH HAZARD DATA

ROUTES OF ENTRY	INHALATION? Yes	SKIN? Yes	INGESTION? Yes	EYES? Yes
HEALTH HAZARDS	ACUTE X	See Signs and Symptoms of Exposure below.		
	CHRONIC X	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.				
Target Organs: CNS, CVS, PNS, Liver, Kidneys, Lungs, Respiratory System, Skin.				



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

MSDS Number: 135
 Revision Date: 03/26/2014
 Supersedes Date: 04/13/2011

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Name: INSULATING COATING

SECTION 7: HEALTH HAZARD DATA (CONTINUED)

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Pre-existing Heart, Liver, Kidney and Lung disorders.	
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.

SECTION 8: PRECAUTIONS FOR SAFE HANDLING AND USE

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.	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	Keep away from sparks, flame and heat sources. Do not store above 120°F and use adequate ventilation.
	Avoid inhalation of vapors and contact with liquid product. Use good personal hygiene.
OTHER PRECAUTIONS	Keep Container Closed When Not In Use. Containers should be disposed of in an environmentally safe manner in accordance with Governmental Regulations.

SECTION 9: CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE) Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment.		PROTECTIVE GLOVES Impervious
VENTILATION	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 Impervious Clothing/Boots as needed.
WORK HYGIENIC PRACTICES Wash thoroughly after handling.		

SECTION 10: TRANSPORTATION INFORMATION

D.O.T. PROPER SHIPPING NAME Coating Solution (UN 1139)	D.O.T. HAZARD CLASS 3, PG II
IATA PROPER SHIPPING NAME Coating Solution (UN 1139)	IATA HAZARD CLASS 3, PG II
DOT EXCEPTION See DOT 49CFR 172.102, New Special Provision 149 AND DOT 49CFR 171.8 FOR CONSUMER COMMODITY, ORM-D	



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

MSDS Number: 135
Revision Date: 03/26/2014
Supersedes Date: 04/13/2011

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Name: INSULATING COATING

SECTION 11: 313 SUPPLIER NOTIFICATION

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 A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.

SECTION 12: OTHER INFORMATION

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 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.