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Product Name: Insulating Coating
MSDS Number: 135
Revision Date: 4/13/11
Supersedes Date: 11/25/08

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**	**Emergency Contact:**	**Chemtrec**
	10-1766	**Phone:**	**(800) 424-9300**

Section 1 – Identification of Product

Common Name: Insulating Coating
Chemical Name: Insulating Coating

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.

Section 3 – Physical Data

Boiling Point:	149 – 285°F
Specific Gravity (H_2O=1):	0.79 – 0.83
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:	Black, 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:	X Inhalation X Skin X Ingestion X Eyes
Health Hazards:	X Acute X 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.

Section 6 – Reactivity Data

Stability:	X 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:	X 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 PELs. 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 PELs
Local Exhaust:	Supplemental (if needed)
Special:	None
Mechanical (General):	To maintain exposure below PELs
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.

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

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