

MATERIAL SAFETY DATA SHEET

Date of Preparation: December 9, 1999 - Revised: January 2002
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SECTION 1

Manufacturer's Name: MD-BOTH Industries
Street Address: 40 Nickerson Road, Ashland, MA 01721
Emergency Telephone #: CHEMTREC 800-424-9300 (24 hrs)
Chemical Name: UV Two Pack Paste
Trade Name: 9111, 9112, 9113, 9117, 9123, 9124, TFU526

SECTION 2 -- HAZARDOUS INGREDIENTS

These products contain the following toxic chemical subject to reporting requirements of section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 and 40CFR 372:

CAS#Chemical	Per cent by weight by shade:					
	9111	9112	9113	9117	9123	9124
7440-50-8 Copper	61%	68.4%	78.5%	64.5%	71%	74.4%

This product also contains the following hazardous chemicals:

7440-66-6	Zinc	26.5%	18.1%	8%	22%	15.5%	12.1%
7429-90-5	Aluminum	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
64742-47-8	Light hydrotreated petroleum distillate						
		7%	7%	7%	7%	7%	7%
006846-50-0	TXIB	6%	6%	6%	6%	6%	6%

This product also contains:

57-11-4 Stearic acid

All components of these products are listed in the TSCA Inventory and the Canadian DSL.

SECTION 3 -- PHYSICAL DATA

Boiling range (°F): 459-530

Vapor density: Heavier than air Liquid density: Heavier than water

Type of odor: Mild petroleum solvent odor Appearance: Gold colored paste

Evaporation rate: <0.01 (Butyl acetate = 1)% VOC: 12-13%

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**HARWICK STANDARD
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SECTION 4 -- FIRE AND EXPLOSION DATA

Flammability Classification: OSHA: Class IIIB (solvent)

DOT: Not regulated

Flash Point of solvent(°F): Minimum 221 by Pensky Martens Closed Cup.

Extinguishing Media: Foam, carbon dioxide, dry chemical

Unusual Fire and Explosion Hazards: Closed containers may explode when exposed to extreme heat. Closed containers may be cooled with a fine water spray. Incomplete combustion may result in smoke, fumes, or carbon monoxide.

Special Fire fighting Procedures: Use self-contained breathing apparatus, if needed.

SECTION 5 -- HEALTH HAZARD DATA

Effects of Overexposure:

Eye contact-- May cause irritation and eye damage. Skin contact-- May cause irritation or dermatitis. Acute dermal LD50 (rat) of solvent is greater than 3.16 g/kg.

Inhalation-- Solvent vapors may cause irritation in respiratory tract, headaches, dizziness, other signs of central nervous system depression, or death. Laboratory studies have shown that prolonged and repeated exposure to light hydrocarbon vapors in the same naphtha boiling range as this product can produce adverse kidney effects in rats. In human studies, there was no clinical evidence of such effects at normal occupational exposure levels. If solvent evaporates, copper dust may cause irritation of mucous membranes and pharynx. Threshold Limit Value for copper dust is 1 mg/m³.

Ingestion-- Small amounts of solvent aspirated into the lungs during ingestion or vomiting may cause pneumonitis or death. LD50 of solvent is greater than 5g/kg body weight.

Primary Routes of Entry: Inhalation of solvent vapors; skin contact.

Emergency and First Aid Procedures:

Eye contact: Flush with large amounts of water for 15 minutes or until irritation subsides. If irritation persists, call physician.

Skin contact: Wash with soap and water. Remove and wash contaminated clothing.

Inhalation: Remove affected person to fresh air. Restore normal breathing and administer oxygen if necessary. Call physician.

Ingestion: Do not induce vomiting. Call physician immediately.

SECTION 6 -- REACTIVITY DATA

Product Stability: Stable

Conditions to avoid: Heat, sparks, open flames, water. Avoid contact with magnesium metal, acetylene gas, strong oxidizing agents.

Hazardous decomposition products: Incomplete combustion of solvent can form smoke, fumes, or carbon monoxide.

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SECTION 7 – SPILL OR LEAK PROCEDURES

Procedure When Material Spilled or Released: Remove all sources of ignition. Keep people away. Ventilate area. Using spark-proof tools scoop up material and place in suitable container for disposal. Use dry sand or other absorbent material to absorb excess solvent.
Waste Disposal Method: Dispose of contaminated material in an approved landfill or an approved incinerator that can accept metal containing organic material in accordance with local, state, and federal regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Ventilation: Use with ventilation sufficient to prevent buildup of dangerous concentrations of solvent vapor in air. Use explosion-proof equipment. No smoking or open lights.
Protective Gloves: Use chemical resistant gloves to avoid prolonged skin contact.
Respiratory Protection: Use organic vapor mask in confined or enclosed spaces, if needed.
Eye Protection: Use chemical goggles or face shield to minimize the chance of eye contact.

SECTION 9 – SPECIAL PRECAUTIONS

Handling and Storage: Store in closed containers in a cool, dry, well-ventilated area.
Other Precautions: Do not ingest. Avoid prolonged contact with skin, contact with eyes, and breathing vapor.

The information contained in this data sheet was obtained from sources we believe are reliable but cannot guarantee. Your use of this information is beyond our control. Therefore, the information is provided without any representation or warranty.

Hazard Ratings

Minimal.....0HEALTH	1
Slight..... 1FLAMMABILITY	1
Moderate... .2REACTIVITY	0
Serious..... 3PERSONAL PROTECTION	B
Severe..... 4	