MD-BOTH INDUSTRIES
BOX 306
NICKERSON ROAD
ASHLAND
MASSACHUSETTS 01721
TEL (508) 881-4100
FAX (508) 881-1656

Hazard Ratings

Minimal.....0
Slight.....1
Moderate.....2
Serious.....3
Severe.....4

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	SG

MATERIAL SAFETY DATA SHEET

Date of Preparation: June 15, 1995
Prepared by: Richard T. Marshall
Revised: December

SECTION 1

Manufacturer's Name: MD-BOTH Industries
Street Address: 40 Nickerson Road, Ashland, MA 01721
Emergency Telephone #: CHEMTREC 800)424-9300 24HRS
Chemical Name: Brass paste/pigment
Trade Name: Supersheen 700 UV Flexo Gold Paste

SECTION 2 -- HAZARDOUS INGREDIENTS

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	Per cent by weight by shade: Rich	Richpale	Pale
7440-50-8	Copper	64%	72%	80%
7440-66-6	Zinc	23%	14%	7%

This product also contains the following hazardous ingredients:

68648-86-2 Monoalkylbenzene (C12 average)

All components of this product are listed in the TSCA inventory and are found on the Canadian DSL.
This product complies with current (1994) CONEG Regulations.

SECTION 3 -- PHYSICAL DATA

Boiling range (deg. F): 366-580
Vapor density: Heavier than air
Liquid density: Heavier than water
Type of odor: Mild petroleum solvent odor
Appearance: Gold colored paste
Evaporation rate: Not known to MD-Both
% VOC: 12%

SECTION 4 -- FIRE AND EXPLOSION DATA

Flammability Classification: OSHA Class IIIB
DOT: Not regulated

Flash Point of solvent(deg. F): Minimum 210 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.

Special Firefighting Procedures: Use self-contained breathing apparatus.

SECTION 5 -- HEALTH HAZARD DATA

Effects of Overexposure:

Eye contact-- May cause irritation and eye damage.

Skin contact-- May cause irritation or dermatitis.

Inhalation-- Solvent vapors may cause irritation in respiratory tract, headaches, dizziness, and other signs of central nervous system depression. If solvent evaporates, copper dust may cause irritation of mucous membranes and pharynx. Threshold Limit Value for copper dust is 1 mg per cubic meter.

Ingestion-- Small amounts of solvent aspirated into the lungs during ingestion or vomiting may cause pneumonitis. LD50 of copper, zinc, and monoalkylbenzene are not known to MD-Both. LD50 of other ingredients 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.

Hazardous decomposition products: Incomplete combustion of solvent can form carbon monoxide.

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 remove material to leak-proof container for disposal.

Waste Disposal Method: Dispose of contaminated 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 supplied-air respiratory protection in confined or enclosed spaces, if needed.

Eye Protection: Use chemical goggles or face shield.

Other Protective Equipment: Use chemical apron

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.

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