

#31772

Pg 1

MATERIAL SAFETY DATA SHEET



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Rochester NY 14621
Information: 716-336-2200

Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

PRODUCT NAME: SUPER CRYSTALITE 450

REVISION DATE: 08/01/2000 REVISION NUMBER: 1
DATE PRINTED: 07/25/2001 PREPARED BY: Walter Friedlander

1. CHEMICAL PRODUCT

MSDS FORM NUMBER: 7038A
NFPA/HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 2/2
Fire: 2/2
Reactivity: 0/0
Special/Protective None/C
Equipment:

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Table with 6 columns: PRODUCT COMPOSITION CAS REGISTRATION NO., APPROX. WEIGHT PERCENT, ACGIH TLV, ACGIH UNIT, OSHA PEL, OSHA UNIT. Rows include Mineral spirits, Naphtha, Phenyl, dimethyl, and Aliphatic petroleum distillates.

3. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): 282 F / 130 C (C) NA
VAPOR PRESSURE: 12.0 mm Hg @ 100 F / 37 C
VAPOR DENSITY (AIR=1): 5.1
Solubility in Water: INSOLUBLE
SPECIFIC GRAVITY: 0.94
VOC Content (%): 59.68
EVAPORATION RATE: 6
PH: NE
Appearance and Odor: Viscous. Yellow. Light amber liquid.

4. FIRE AND EXPLOSION HAZARD DATA

## SUPER CRYSTALITE 450

FLASH POINT (F): 100 F (TCC) (C): NA

METHOD: TCC

FLAMMABLE LIMITS IN AIR - LOWER (%): NE

FLAMMABLE LIMITS IN AIR - UPPER (%): NE

EXTINGUISHING MEDIA: Water fog, carbon dioxide, foam, dry chemical.

FIRE FIGHTING PROCEDURES: Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

### 5. STABILITY AND REACTIVITY

STABILITY DATA: STABLE

POLYMERIZATION: Will Not Occur.

HAZARDOUS DECOMPOSITION: Ammonia compounds. Oxides of Nitrogen. Carbon Dioxide. Carbon Monoxide.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidents, such as nitric acid, peroxides, or hypochlorites.

CONDITIONS/HAZARDS TO AVOID: None.

### 6. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

**INGESTION:**  
May cause liver and kidney damage.

**SKIN CONTACT:**  
Causes moderate skin irritation.

**INHALATION:**  
Harmful if inhaled. Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

**EYE CONTACT:**  
Causes eye damage. May cause severe eye irritation.

**CHRONIC EFFECTS:**  
Repeated or prolonged overexposure to solvents may cause permanent brain and nervous damage. Repeated overexposure may cause damage to liver, kidney, and red blood cells.

**EFFECTS/CARCINOGENICITY:**  
Contains materials known to cause cancer, birth defects, and other reproductive harm.

### SUPER CRYSTALITE 450

**CARCINOGENIC INGREDIENTS:**

Ethylbenzene.

**ROUTES OF ENTRY:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

**EMERGENCY AND FIRST AID MEASURES:**

**INGESTION:** DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Never give anything by mouth to an unconscious person. Get immediate medical attention. **SKIN:** Wash with soap and water. **INHALATION:** Move person to fresh air. **EYES:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**NOTES TO PHYSICIAN:** None.

**7. HANDLING AND STORAGE**

**SPILL PROCEDURES:**

**SMALL SPILLS:** Reclaim as much as possible.

**LARGE SPILLS:** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

**WASTE DISPOSAL METHODS:**

Dispose in accordance with Federal, State and Local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Do not store near heat, sparks or flame. Keep container closed when not in use. Do not store above 120 F. DO NOT pressurize, weld, or heat containers. Do not puncture or incinerate container. Avoid prolonged contact. Avoid contact with skin and eyes. Do not breathe mist or vapors.

**OTHER PRECAUTIONS:**

Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Read and follow label instructions.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EXPOSURE CONTROLS:**

Use in a well ventilated area.

**RESPIRATORY PROTECTION:**

None required. Use NIOSH approved respirator with dust/mist filter as needed to meet exposure limits of mist in air.

**PROTECTIVE GLOVES:**

Chemical resistant gloves.

**EYE PROTECTION:**

Goggles.

**OTHER PERSONAL PROTECTION**

**EQUIPMENT:**

Chemical resistant materials are required to prevent prolonged or repeated skin contact. Wear clean, body-covering clothing.

**VENTILATION:**

Required when spraying large amounts or applying in confined area.

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.