



MATERIAL SAFETY DATA SHEET

REVISION DATE:
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PREPARED BY:

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1. CHEMICAL PRODUCT

PRODUCT NAME:

SUPER CRYSTALITE 450

PRODUCT CODE:

118123

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 2/2
Reactivity: 0/0

Fire: 2/2
Special/Protective Equipment: None/C

NAME OF THE
MANUFACTURER:

Rochester Midland Corporation
333 Hollenbeck Street
Rochester, New York 14621

Information: 585-336-2200
Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

2. 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:

May be fatal if inhaled.

CHRONIC EFFECTS:

Causes eye damage. May cause severe eye irritation.

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

EFFECTS/CARCINOGENICITY:

Contains materials known to cause cancer, birth defects, and other reproductive harm.

CARCINOGENIC INGREDIENTS:

Ethylbenzene.

ROUTES OF ENTRY:

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Mineral spirits 64742-88-7	20	NA	NA
Zirconium octoate UNKNOWN	1	NA	NA
Ethylbenzenes 100-41-4	1	100 ppm	100 ppm 435 mg/m ³
Aliphatic petroleum distillates 8052-41-3	10	100 ppm	2900 mg/m ³ 500 ppm
Phenyl, dimethyl 1330-20-7	5	100 ppm	100 ppm 435 mg/m ³

4. 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.

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4. FIRST AID MEASURES

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.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F):	105 F (TCC) (C): NA
METHOD:	TCC

FLAMMABLE LIMITS IN AIR

- LOWER (%):	NA
- UPPER (%):	NA

SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE 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.

6. ACCIDENTAL RELEASE MEASURES

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.

PERSONAL PRECAUTIONS:	NA
ENVIRONMENTAL PRECAUTIONS:	NA
METHODS FOR CLEANING UP:	NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	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. Do not store near heat, sparks or flame.
OTHER PRECAUTIONS:	Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Read and follow label instructions.
SPECIFIC USE(S):	NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Viscous. Yellow. Light amber liquid.
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9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F):	277 F / 136 C	(C) NA
VAPOR PRESSURE:	12.0 mm Hg @ 100 F / 37 C	
VAPOR DENSITY (AIR=1):	5.1	
SOLUBILITY IN WATER:	NA	
SPECIFIC GRAVITY:	0.94	
VOC Content (%):	42.38	
VOC Content (%):	NE	
EVAPORATION RATE:	1.1	
PH:	NA	

10. 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 oxidants, such as nitric acid, or hypochlorites.
CONDITIONS/HAZARDS TO AVOID:	None.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	NE
EFFECTS OF CHRONIC EXPOSURE:	NE
OTHER TOXIC EFFECTS:	NE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time.
MOBILITY:	NA
PERSISTENCE/DEGRADABILITY:	NA
BIOACCUMULATIVE POTENTIAL:	NA
OTHER ADVERSE EFFECTS:	NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Dispose in accordance with Federal, State and Local regulations.
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14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Mineral spirits 64742-88-7	20	Listed	Listed	Listed	Not Listed
Zirconium octoate UNKNOWN	1	Not Listed	Not Listed	Not Listed	Not Listed
Ethylbenzenes 100-41-4	1	Listed	Listed	Listed	Listed
Aliphatic petroleum distillates 8052-41-3	10	Listed	Listed	Listed	Not Listed
Phenyl, dimethyl 1330-20-7	5	Listed	Listed	Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Mineral spirits 64742-88-7	20	Not Listed	Not Listed	Not Listed
Zirconium octoate UNKNOWN	1	Not Listed	Not Listed	Not Listed
Ethylbenzenes 100-41-4	1	1000 lb 454 kg	Not Listed	Listed
Aliphatic petroleum distillates 8052-41-3	10	Not Listed	Not Listed	Not Listed
Phenyl, dimethyl 1330-20-7	5	100 lb 45.4 kg	Not Listed	Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Mineral spirits 64742-88-7	20	Listed
Ethylbenzenes 100-41-4	1	Listed
Aliphatic petroleum distillates 8052-41-3	10	Listed
Phenyl, dimethyl 1330-20-7	5	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
Ethylbenzenes 100-41-4	1	Listed
Aliphatic petroleum distillates 8052-41-3	10	Listed
Phenyl, dimethyl 1330-20-7	5	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Ethylbenzenes 100-41-4	1	Listed
Aliphatic petroleum distillates 8052-41-3	10	Listed
Phenyl, dimethyl 1330-20-7	5	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
Ethylbenzenes 100-41-4	1	Listed
Aliphatic petroleum distillates 8052-41-3	10	Listed
Phenyl, dimethyl 1330-20-7	5	Listed

16. OTHER INFORMATION

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.

***** END OF MSDS *****