

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT INFORMATION:

PRODUCT IDENTIFIER: **SP LIQUID MEMBRANE**

MANUFACTURER: **SUPERIOR PRODUCTS INT'L II, INC.**

ADDRESS: **10835 W. 78th St., Shawnee, KS 66214**

PRODUCT USE: **For roofing: waterproofing/sealer**

EMERGENCY TELEPHONE NUMBER: **800-424-9300; 202-483-7616**

SECTION II - HAZARDOUS INGREDIENTS:

HAZARDOUS INGREDIENTS	%	CAS/PIN	TLV	PEL
ParaChloroBenzoTriFluoride	28.5	98-56-6	N/E	N/E
Aromatic 100	15.7	64742-95-6	25	25
Toluol	7.31	108-88-3	20	20

SECTION III - HAZARD IDENTIFICATION:

The product is a flammable, solvent-based product and should be treated according to all known safety precautions. Refer to Section VII for Storage and Handling recommendations, Section VIII for Personal Protection, Section XIV for transport.

SECTION IV - FIRST AID MEASURES:

INHALATION: Remove to fresh air. Give oxygen if required. Seek medical help.

EYES: Flush w/water for at least 15 minutes; see physician.

SKIN: Remove contaminated clothing; wash affected areas w/mild soap & water.

INGESTION: Do not induce vomiting. Do not give liquids. Seek medical attention according to amount of product ingested.

SECTION V - FIREFIGHTING MEASURES:

CONDITIONS TO AVOID: None

DECOMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, aldehydes

AUTOIGNITION TEMP.: >499C. deg. **MINIMUM IGNITION ENERGY:** N/A

FLASH POINT & METHOD: 41C. TCC

FLAMMABLE LIMITS: (Lower) 1.4% **(Upper)** NAV

SENSITIVITY TO STATIC DISCHARGE? Yes

SENSITIVITY TO MECHANICAL IMPACT? N/A

SPECIAL PROCEDURES: Firefighters should wear full-body protection & SCBA

MEANS OF EXTINCTION: Foam, dry chemical, carbon dioxide; water fog to cool containers exposed to heat.

SECTION VI - ACCIDENTAL RELEASE MEASURES: Remove all sources of ignition; avoid breathing vapors; ventilate area; remove with inert absorbent.

Dispose in accordance with Federal, State and Local regulations. This product is totally lead, chromate and mercury-free. Empty containers with only DRY residue remaining or DRY residue shall be considered LANDFILL material.

SECTION VII - HANDLING AND STORAGE:

Storage Requirements: Maintain temperature between 32-122F. degrees; average shelf life is 12 months @ 77F. degrees. Empty containers may contain residual liquid or vapor and should not be penetrated or exposed to ignition sources.

Handling Procedures/Equipment: Use non-sparking tools. This liquid contains volatiles that give off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode. Keep away from ignition sources such as heat, sparks, pilot lights, static electricity and open flames.

NAP = Not Applicable

NAV = Not Available

SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION:

PERSONAL PROTECTIVE EQUIPMENT: To be worn when spraying or within contained areas--Half-face respirator w/organic vapor filter, safety glasses w/shields, PVA or nitrile chemical-resistant gloves, skin protection; for all other applications, good judgement should be used.

ENGINEERING CONTROLS: The use of mechanical ventilation is recommended for confined space; use explosion-proof ventilation equipment.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: Liquid **SOLUBILITY IN WATER:** Insoluable

APPEARANCE AND ODOR: White liquid, solvent odor

FREEZING POINT: NAP **BOILING POINT:** N/A **pH:** NAP

SPECIFIC GRAVITY: 1.23 **ODOR THRESHOLD:** 0.4ppm

COEFF. WATER/OIL: NAV **EVAPORATION RATE:** .82% **VOLATILES:** 59%

VAPOUR DENSITY (Air=1): 1+ **VAPOUR PRESSURE:** 8mmHg@20C. deg.

SECTION X - STABILITY AND REACTIVITY:

CONDITIONS OF REACTIVITY: Oxidizers **CORROSIVE?** No

CHEMICAL INCOMPATIBILITY: Oxidizing materials

CONDITIONS OF INSTABILITY: Stable

HAZARDOUS POLYMERIZATION: will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion will produce carbon dioxide, possible carbon monoxide.

SECTION VI - HEALTH HAZARD DATA:

May cause irritation by all routes of exposure. May produce symptoms of central nervous system depression including headache, dizziness, nausea, loss of balance and drowsiness.

Short-Term Exposure: May be irritating to eyes and skin.

Ingestion may cause damage to the lining of the gastrointestinal tract.

Sensitizing capability: None known.

Chronic Exposure: Prolonged or repeated breathing or swallowing of large amounts may cause liver and kidney damage based on animal studies.

Synergistic Materials: None known.

Carcinogenic: Not known to be.

SECTION XII - ENVIRONMENTAL INFORMATION:

Air: 3.17 lbs./gallon; 380 grams/liter V.O.C.

Water: Insoluble in water; reacts slowly w/water forming polyurea polymer and liberating CO2 gas

Soil: Lead- and chromate-free, not hazardous under RCRA 40CFR

SECTION XIII - WASTE DISPOSAL:

Dispose of as paint according to local regulations.

SECTION XIV - TRANSPORT INFORMATION:

Product is considered a combustible liquid, but does not require DOT labeling due a high flashpoint.

SECTION XV - REGULATORY INFORMATION:

Superfund Amendments & Reauthorization Act of 1988 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities in 40CFR355 (used for SARA 302, 304, 311, 312,313)

SECTION XVI - OTHER INFORMATION: NAV

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PREPARED BY: J. Pritchett, Superior Products Int'l II, Inc. **DATE:** 4/8/11