



MATERIAL SAFETY DATA SHEET (E/WB/5/03) pg 1 of 2

SECTION I - IDENTIFICATION OF THE PRODUCT AND THE COMPANY:

PRODUCT NAME: HOT SURFACE COATING 300

RECOMMENDED USE: Fire Barrier Coating

MANUFACTURER: Superior Products International II, Inc.

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

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

SECTION II - COMPOSITION & INFORMATION ON INGREDIENTS:

<i>Haz. ingredients</i>	<i>%</i>	<i>CAS/PIN</i>	<i>LD-50 (species/route)</i>	<i>LC50 (species)</i>
Acrylic polymers	5	9003-01-4	NAV	NAV
Xylene	1	1330-20-7	NAV	NAV

SECTION III - HAZARD IDENTIFICATION: This product is water-based and not classified as dangerous for supply or conveyance. The ingredients are water-reduceable and falls well within the acceptable safety limits. This product has been analyzed for use in and around food manufacturing and found to be safe for use on non-contact surfaces. No toxics or toxic off-gassing is present.

SECTION IV - FIRST AID MEASURES:

EYES: Flush with water for at least 15 minutes; consult physician if irritation continues.

INGESTION: Do not induce vomiting. Drink 1-2 glasses milk/water. Seek medical attention according to amount of product ingested.

SKIN: Wash with mild soap and water.

INHALATION: Remove to fresh air.

SECTION V - FIREFIGHTING MEASURES:

CONDITIONS OF FLAMMABILITY: Not flammable, water-based product

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, methacrylate and other noxious gases

AUTOIGNITION TEMP.: NAP **MINIMUM IGNITION ENERGY:** NAV

FLAMMABLE LIMITS: (Lower) NAP% (Upper) NAP% **FIRE POINT:** NAP

FLASH POINT & METHOD: NAP **SENSITIVITY TO MECHANICAL IMPACT?** No

SENSITIVITY TO STATIC DISCHARGE? No

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

MEANS OF EXTINCTION: Water, water fog, dry chemical, foam or CO2

SECTION VI - ACCIDENTAL RELEASE MEASURES: Use kitty litter, sand or other absorbant to control spread and absorb liquid.

SECTION VII - HANDLING AND STORAGE:

STORAGE REQUIREMENTS: Keep from freezing. Store below 50C. degrees.

Keep container closed tightly to prevent drying out.

HANDLING PROCEDURES/EQUIPMENT: Treat as paint product. Use ventilation and protective equipment to suit conditions of use. Use soap and water for clean-up.

NAP = Not Applicable

NAV = Not Available

SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION:

PERSONAL PROTECTIVE EQUIPMENT: Avoid inhalation of liquid when applying. Use particulate respirator.

ENGINEERING CONTROLS: Use mechanical ventilation to control aerosol or mist if product is sprayed.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: Liquid **SOLUBILITY IN WATER:** soluble/miscible
APPEARANCE AND ODOR: white color, mild acrylic odor **VOLATILES:** NAP
FREEZING POINT: 30F. degrees **BOILING POINT:** 192C degrees
SPECIFIC GRAVITY: 1.4 **ODOR THRESHOLD:** 0.08-25ppm **pH:** 8
COEFF. WATER/OIL: NAV **EVAPORATION RATE:** slow%
VAPOUR DENSITY (Air = 1): 2.1 **VAPOUR PRESSURE:** 17mmHg @ 20C. deg.

SECTION X - STABILITY AND REACTIVITY:

CONDITIONS OF REACTIVITY: stable **CONDITIONS OF INSTABILITY:** stable
CHEMICAL INCOMPATIBILITY: strong acids or bases
HAZARDOUS DECOMPOSITION PRODUCTS: none known, no hazardous
CORROSIVE BEHAVIOR? No

SECTION XI - TOXICOLOGICAL INFORMATION:

ROUTES OF ENTRY: EYE CONTACT X INGESTION X
SYNERGISTIC PRODUCTS: None known
EXPOSURE LIMITS: NAP
EFFECTS OF ACUTE EXPOSURE: None known
EFFECTS OF CHRONIC EXPOSURE: None known
SENSITIZATION: Not expected **MUTAGENICITY:** NAP
TERATOGENICITY: None known **IRRITANCY:** NAP
REPRODUCTIVE TOXICITY: NAP **CARCINOGENICITY:** NAP

SECTION XII - ENVIRONMENTAL INFORMATION:

Air -this product is environmentally-friendly and poses no threat to the air.
Water-the resins will be diluted and dissipate when flushed with water.
Soil -the resin contents are biodegradeable in ground acids over a period of time. No ecological hazards are known to exist.

SECTION XIII - WASTE DISPOSAL: Product spill should be contained by previously described absorption methods, and dried product disposed of as normal industrial waste according to all federal, state or governmental regulations.

SECTION XIV - TRANSPORT INFORMATION: The only restriction to carriage is for protection against freezing as contents are water-based. Tariff code: 3209.10.000

SECTION XV - REGULATORY INFORMATION: Regulatory agencies and restrictions are minimal regarding conveyance or use of water-based products other than what has been specifically addressed.

SECTION XVI - OTHER INFORMATION: NAV

