

HSC 300™*The right coating for ultimate protection.*

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION

PRODUCT IDENTIFIER: Hot Surface Coating 300
PRODUCT USE: Fire Barrier Coating
MANUFACTURER: Superior Product International II, Inc.
ADDRESS: 10835 W. 78th Street Shawnee, KS 66214
EMERGENCY TELEPHONE #: 1-800-424-9300 **TELEPHONE:** 202-483-7616

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS/PIN	LD ₅₀ (Species/Route)	LC ₅₀ (Species)
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

INHALATION: Remove to fresh air.
EYES: Flush with water for at least 15 minutes; consult physician if irritation continues.
SKIN: Wash with mild soap and water.
INGESTION: Do not induce vomiting. Give 1-2 glasses water or milk. Seek medical attention according to amount of product ingested.

SECTION V – FIREFIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, methacrylate and noxious gases
CONDITIONS OF FLAMMABILITY: Not flammable, water-based product
FLAMMABLE LIMITS: (Lower) NAP % (Upper) NAP% **AUTOIGNITION TEMP:** NAP
SENSITIVITY TO MECHANICAL IMPACT: No **SENSITIVITY TO STATIC DISCHARGE:** No
MEANS OF EXTINCTION: Water, water fog, dry chemical, foam, CO² **FLASHPOINT & METHOD:** NAP
SPECIAL PROCEDURE: Firefighters should wear full-body protection & SCBA.
MINIMUM IGNITION ENERGY: NAV **FIRE POINT:** NAP

SECTION VI- ACCIDENTAL RELEASE MEASURES

Use kitty litter, sand or other absorbent to control spread and absorb liquid.

SECTION VII- HANDLING AND STORAGE

STORAGE REQUIREMENTS: Keep from freezing. Store below 50 degrees C. Keep container closed tightly to prevent drying out.
HANDLING PROCEDURES/EQUIPMENT: Treat as a paint product. Use ventilation and protective equipment to suit conditions of use. Use soap and water for clean up.

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

SECTION X – STABILITY AND REACTIVITY

CONDITIONS OF REACTIVITY: Stable **CORROSIVE BEHAVIOR:** No
CONDITIONS OF INSTABILITY: Stable **CHEMICAL INCOMPATIBILITY:** Strong acids or bases
HAZARDOUS DECOMPOSITION PRODUCTS: None known, no hazardous

NAV = Not Available NAP = Not Applicable

SECTION XI - TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY:	Skin Contact:	Eye Contact: X	Ingestion: X	Inhalation:
SYNERGISTIC PRODUCTS:	None known	EXPOSURE LIMITS:	NAP	
TERATOGENICITY:	None known	CARCINOGENICITY:	NAP	IRRITANCY: NAP
REPRODUCTIVE TOXICITY:	NAP	SENSITIZATION:	Not expected	MUTAGENICITY: NAV
EFFECTS OF ACUTE EXPOSURE:	None known	EFFECTS OF CHRONIC EXPOSURE:	None known	

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 biodegradable 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

PREPARATION INFORMATION

PREPARED BY: J. Pritchett, Superior Product International II, Inc.

DATE OF PREPARATION: 04/24/06