

# MATERIAL SAFETY DATA SHEET (E/WB/10/02) pg 1 of 2

## **SECTION I - IDENTIFICATION OF THE PRODUCT AND THE COMPANY:**

**PRODUCT NAME:** SP2001F

**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:**

<u>Haz. ingredients</u>	<u>%</u>	<u>CAS/PIN</u>	<u>LD-50 (species/route)</u>	<u>LC50 (species)</u>
texanol	0.5- 1.5	25265-77-4	3200mg/kg (oral, rat)	NAV
mica	3	12001-26-2	NAV	NAV
acrylic polymers	5	9003-01-4	NAV	NAV
zinc borate	11	138265-88-0	NAV	NAV
xylene	2	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 fall 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:** NAV

**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

**FREEZING POINT:** 30F. degrees              **BOILING POINT:** 192C degrees              pH: 8

**SPECIFIC GRAVITY:** 1.4                      **ODOR THRESHOLD:** 0.08 - 25ppm

**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 polymerization              **CORROSIVE BEHAVIOR?** No

**SECTION XI - TOXICOLOGICAL INFORMATION:**

**ROUTES OF ENTRY:** EYE CONTACT   X   INGESTION   X  

**EXPOSURE LIMITS:** mica-3mg/m3 (ACGIH)

**EFFECTS OF ACUTE EXPOSURE:** Liquid splash could result in eye or nose irritation and/or headache.

**EFFECTS OF CHRONIC EXPOSURE:** Excessive exposure to liquid product may result in minor irritations.

**MUTAGENICITY:** NAV                      **TERATOGENICITY:** NAV

**REPRODUCTIVE TOXICITY:** NAV                      **SENSITIZATION:** Not expected

**CARCINOGENICITY:** Ingredients not listed

**IRRITANCY:** Possible skin or eye irritation if not washed off.

**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