

OMEGA FIRE

(SP2001F)

The right coating for ultimate protection.

MATERIAL SAFETY DATA SHEET

(E/WB/10/02)

SECTION I – IDENTIFICATION OF THE PRODUCT AND THE COMPANY

PRODUCT IDENTIFIER: Omega Fire (SP-2001F)
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)
texanol	0.5-1.5	25265-77-4	3200 mg/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 and conveyance. The ingredients are water-reduceable and fall well within 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 eyes with water for at least 15 minutes; consult physician if irritation continues.
SKIN: Wash with mild soap and water.
INGESTION: Do not induce vomiting. Drink 1-2 glasses milk/water. Seek medical attention according to amount of product ingested.

SECTION V – FIREFIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, methacrylate and other noxious gases
CONDITIONS OF FLAMMABILITY: Non-flammable, water-based product **FLASHPOINT & METHOD:** NAP
FLAMMABLE LIMITS: (Lower) NAP % (Upper) NAP % **MINIMUM IGNITION ENERGY:** NAV
MEANS OF EXTINCTION: Water, water fog, dry chemical, foam or CO² **AUTOIGNITION TEMP:** NAP
SENSITIVITY TO STATIC DISCHARGE: No **SENSITIVITY TO MECHANICAL IMPACT:** No
SPECIAL PROCEDURE: Firefighters should wear full-body protection & SCBA **FIRE POINT:** NAV

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

SECTION VII – HANDLING AND STORAGE

STORAGE REQUIREMENT: Keep from freezing. Store below 50 C. degrees. 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 cleanup

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. Deg **FREEZING POINT:** 30 F. degrees
ODOR THRESHOLD: 0.08-25ppm **pH:** 8 **COEFF. WATER/OIL:** NAV **SPECIFIC GRAVITY:** 11.4
VAPOUR PRESSURE: 17mmHg @ 20 C. deg. **APPEARANCE AND ODOR:** White color, mild acrylic odor
EVAPORATION RATE: Slow **VAPOUR DENSITY (Air = 1):** 2.1 **SOLUBILITY IN WATER:** Soluble/miscible

SECTION X – STABILITY AND REACTIVITY

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

NAV = Not Available NAP = Not Applicable

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MSDS (Continued)

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SECTION XI – TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Skin Contact: Eye Contact: **X** Ingestion: **X** Skin Absorption: Inhalation:
TERATOGENICITY: NAV **REPRODUCTIVE TOXICITY:** NAV **SENSITIZATION:** Not Expected
MUTAGENICITY: NAV **EXPOSURE LIMITS:** mica 3 mg/m³ (ACGIH)
CARCINOGENICITY: Ingredients not listed **IRRITANCY:** Possible skin or eye irritation if not washed off
EFFECTS OF ACUTE EXPOSURE: Liquid splash could result in eye or nose irritations and/or headache.
EFFECTS OF CHRONIC EXPOSURE: Excessive exposure to liquid product may result in minor irritations.

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: 06/08/06