

LINING KOTE

The right coating for ultimate protection.

MATERIAL SAFETY DATA SHEET

(E/S/10/02)

SECTION I – IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT IDENTIFIER: Lining Kote 6000
PRODUCT USE: Tank and Pipe Lining
MANUFACTURER: Superior Product International II, Inc. **TELEPHONE #:** 800-424-9300
ADDRESS: 10835 W. 78th Street Shawnee, KS 66214 **EMERGENCY TELEPHONE #:** 1-800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | % | CAS/PIN | LD ₅₀ (Species/Route) | LC ₅₀ (Species) |
|-------------------------------|------|-------------|----------------------------------|----------------------------|
| toluene | 4.8 | 108-88-3 | 150 | 100 |
| xylene | 8.5 | 1330-20-7 | 150 | 100 |
| n-butanol | 2.8 | 000071-36-3 | 150 | 100 |
| ethylene glycol/propyl eEther | 15.8 | 2807-30-9 | 50 | 50 |

SECTION III – HAZARD IDENTIFICATION

The product is flammable, solvent-based epoxy 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 eyes with clear water for 15-20 minutes, occasionally lifting eyelids.
SKIN: Remove contaminated clothes. Wash affected area and clothing with water and soap.
INGESTION: Induce vomiting with syrup of Ipecac if > 5 oz. has been ingested. Under the direction of doctor or poison control center. Seek medical attention.

SECTION V – FIREFIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, aldehydes, and other decomposition products, in the case of incomplete combustion
CONDITIONS OF FLAMMABILITY: May settle in low areas or travel to ignition sources
FLAMMABLE LIMITS: (Lower) 1.2 % (Upper) 12.9 % **AUTOIGNITION TEMP:** 499 C. Deg.
SENSITIVITY TO MECHANICAL IMPACT?: No **SENSITIVITY TO STATIC DISCHARGE:** No
FLASHPOINT & METHOD: 105 F. TCC **FIRE POINT:** NAV
MEANS OF EXTINCTION: Foam, water spray or fog, dry chemical, carbon dioxide & vaporizing liquid type extinguishing agents. Water should be used to keep fire-exposed containers cool and to disperse vapors.
SPECIAL PROCEDURE: Firefighters should wear full-body protection & SCBA. Cool containers exposed to extreme heat or flame.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Use absorbent to prevent spread. Remove all sources of ignition; avoid breathing vapors; use protective equipment.

SECTION VII – HANDLING AND STORAGE

STORAGE REQUIREMENT: Keep container closed. Use flammable storage cabinet for inside storage. Keep temps between 5-50 C. Deg.
HANDLING PROCEDURES/EQUIPMENT: Ground all containers. Use non-sparking tools.

SECTION VIII – HANDLING AND STORAGE

PERSONAL PROTECTION EQUIPMENT: Safety glasses with side shields, chemical-resistant gloves; use of air supplied, self-contained breathing apparatus
ENGINEERING CONTROLS: General room ventilation, unless TLV is exceeded. Use mechanical ventilation in confined space. All equipment to be non-sparking and grounded.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid **BOILING POINT:** NAV **APPEARANCE AND ODOR:** Opaque; solvent-odor
FREEZING POINT: NAP **SOLUBILITY IN WATER:** Insoluble **VAPOUR DENSITY (Air = 1):** 1+
ODOR THRESHOLD: NAV **VAPOUR PRESSURE:** <6 mmHg @ 20 C. degrees **COEFF. WATER/OIL:** NAV
EVAPORATION RATE: 1.66% **pH:** NAP **SPECIFIC GRAVITY:** 1.37 **VOLATILES:** @46.50

NAV = Not Available NAP = Not Applicable

SECTION X – STABILITY AND REACTIVITY DATA

| | | | |
|--|--------|----------------------------------|--|
| CONDITIONS OF REACTIVITY: | Stable | CHEMICAL INCOMPATIBILITY: | Oxidizing materials |
| CONDITIONS OF INSTABILITY: | Stable | CORROSIVE BEHAVIOR: | No |
| HAZARDOUS DECOMPOSITION PRODUCTS: | | | Combustion will produce carbon dioxide |

SECTION XI - TOXICOLOGICAL PROPERTIES

| | | | | | |
|-------------------------------------|--|-------------------------------|-------------------------|--------------------------|--|
| ROUTES OF ENTRY: | Skin Contact: X | Eye Contact: X | Ingestion: X | Skin Absorption: | Inhalation: X |
| SYNERGISTIC PRODUCTS: | Cigarette smoke | | EXPOSURE LIMITS: | Xylene 435 mg/m3 (ACGIH) | |
| TERATOGENICITY: | Yes | MUTAGENICITY: | NAV | IRRITANCY: | Skin irritation, skin drying, eye irritation |
| CARCINOGENICITY: | NAV | REPRODUCTIVE TOXICITY: | NAV | SENSITIZATION: | Yes |
| EFFECTS OF ACUTE EXPOSURE: | Eye, nose, respiratory, irritation, and intoxication, contact dermatitis. loss of appetite, headache, dizziness, fatigue | | | | |
| EFFECTS OF CHRONIC EXPOSURE: | Liver, lung and kidney damage | | | | |
| LEAK/SPILL PROCEDURES: | Use absorbent to prevent spread. Insure adequate ventilation. Remove all sources of ignition; avoid breathing vapors; use protective equipment. | | | | |
| WASTE DISPOSAL: | Empty containers w/only dry residue remaining; shall be considered landfill material. However, recycle by triple-rinsing container with solvent. | | | | |

SECTION XII – ENVIRONMENTAL INFORMATION

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|---------------|--|
| AIR: | 3.48 lbs/gallon; 414 grams per liter V.O.C. |
| WATER: | Insoluble in water. |
| SOIL: | Lead- and chromate-free / not hazardous under RCRA 40CFR |

SECTION XIII – WASTE DISPOSAL

Empty containers with only dry residue remaining; shall be considered landfill material, however, recycle to triple-rinsing container with solvent.

SECTION XIV – TRANSPORT INFORMATION

Classified a hazardous material (Class 3 // UN1263 // P.G. III), and should be marked and handled according to specific regulations.
Tariff Code: 3208.90.0000

SECTION XV – REGULATORY INFORMATION

Materials listed under Superfund Amendments and Reauthorization Act of 1988 (SARA) 302, 304, 311, 312, 313: Methyl Isobutyl Ketone (CAS 108-10-1), Toluol (CAS 108883)

SECTION XVI – OTHER INFORMATION

Empty containers with only dry residue remaining; shall be considered landfill material, however, recycle to triple-rinsing container with solvent.

SECTION IX - PREPARATION INFORMATION

MANUFACTURER: Superior Product International II, Inc.

DATE OF PREPARATION: 04/24/06