

HPC™ Coating

The right coating for ultimate protection.

MATERIAL SAFETY DATA SHEET

SECTION I – IDENTIFICATION OF THE PRODUCT AND COMPANY

PRODUCT IDENTIFIER: Hot Pipe Coating
PRODUCT USE: Coating for hot surfaces that are less than 900 F. degrees
MANUFACTURER: Superior Product International II, Inc.
ADDRESS: 10835 W. 78th Street Shawnee, KS 66214 USA
EMERGENCY TELEPHONE #: 1-800-424-9300 **PHONE:** 1-202-483-7616

SECTION II – COMPOSITION AND INFORMATION INGREDIENTS:

Acrylic Polymers 5% CAS 9003-01-4

SECTION III – HAZARD IDENTIFICATION

This product is water-based and not classified as dangerous for supply or conveyance. The ingredients are water reducible. 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 of milk/water. Seek medical attention according to amount of product ingested.

SECTION V – FIREFIGHTING MEASURES

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

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

SECTION VII – HANDLING AND STORAGE

STORAGE REQUIREMENTS: 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 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. deg. **FREEZING POINT:** 32 F. deg.
pH: 8 **SOLUBILITY IN WATER:** Soluble/miscible **VAPOUR DENSITY (Air = 1):** 2.1
SPECIFIC GRAVITY: 0.66 **ODOR THRESHOLD:** 00. 8-25ppm **COEFF. WATER/OIL:** NAV
EVAPORATION RATE: Slow% **VAPOUR PRESSURE:** 17 mmHg @ 20 C. deg.
APPEARANCE AND ODOR: White color, mild acrylic odor **VOLATILES:** Less than 5

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

SECTION XI - TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Skin Contact: Eye Contact: **X** Ingestion: **X**
TERATOGENICITY: NAP **REPRODUCTIVE TOXICITY:** NAP **SYNERGISTIC PRODUCTS:** None known
EXPOSURE LIMITS: mica 3mg/m (ACGIH) **MUTAGENICITY:** NAP **SENSITIZATION:** Not expected
IRRITANCY: Possible skin or eye irritation, if not washed off **CARCINOGENICITY:** Ingredients not listed
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. Contents are water-based.

SECTION XV – REGULATORY INFORMATION

Regulatory agency controls 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: 04/17/06