

SAFETY DATA SHEET (E/WB/10/02)

SECTION I - IDENTIFICATION OF THE PRODUCT:

PRODUCT NAME: HPC-HT, Part A
 GHS PRODUCT IDENTIFIER: Global Harmonized System #3209.10.000
 RECOMMENDED USE: Blended with Part B to create high-temperature spray-on insulation, up to 650C
 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 - HAZARD IDENTIFICATION:

This product is 100% solid and not classified as dangerous for supply or conveyance. The ingredients are water-reduceable and fall well within the acceptable safety limits. No toxics or toxic off-gassing is present, but steaming during application presents co-solvents that can cause eye irritation.

SECTION III - COMPOSITION & INFORMATION ON INGREDIENTS:

<i>Haz. ingredients</i>	<i>%</i>	<i>CAS/PIN</i>	<i>LD-50 (species/route)</i>	<i>LC50 (species)</i>
Silicone resin	53.0	897393.56.5	NAV	NAV
Borosilicate	40.0	65997-17-3	NAV	NAV
Mica/additives	3.0	58043-05-3	NAV	NAV
Water	4.0	n/a		

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
HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides, silocon oxides, oxides of phosphorus sulphur oxides
AUTOIGNITION TEMP.: NAV **MINIMUM IGNITION ENERGY:** NAV
FLAMMABLE LIMITS: (Lower) NAV% (Upper) NAP% **FIRE POINT:** NAV
FLASH POINT & METHOD: 44C **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 C02

SECTION VI - ACCIDENTAL RELEASE MEASURES:

Use kitty litter or similar absorbent to contain spill. Neutralize w/solution of 80% water/20% Tergitol TMN-10. Use protective clothing; use non-sparking tools.

SECTION VII - HANDLING AND STORAGE:

Storage Requirements: Maintain temperature between 32-122F. degrees; average shelf life is 1 year @ 77F. degrees.

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
APPEARANCE AND ODOR: White, ammonia odor	
FREEZING POINT: 32F	BOILING POINT: 35C pH: NAV
SPECIFIC GRAVITY: 1.0	ODOR THRESHOLD: NAV
COEFF. WATER/OIL: 1	EVAPORATION RATE: 1.0
VAPOUR DENSITY (Air = 1): 1.11	VAPOUR PRESSURE: NAV

SECTION X - STABILITY AND REACTIVITY:

CONDITIONS OF REACTIVITY: stable **CONDITIONS OF INSTABILITY:** stable

CHEMICAL INCOMPATIBILITY: None known

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: eye or nose irritation and/or headache.

EFFECTS OF CHRONIC EXPOSURE: Excessive exposure to powders may result in minor irritations.

MUTAGENICITY: NAV **TERATOGENICITY:** NAV

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

CARCINOGENICITY: Ingredients not listed

IRRITANCY: Possible eye irritation if not washed off.

SECTION XII - ECOLOGICAL INFORMATION:

Air -this product is environmentally-friendly and poses no threat to the air.

Water-no threat.

Soil -the resin contents are biodegradeable in ground soils 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 100% solid. 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: