

# SAFETY DATA SHEET (ST/11/00)

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

PRODUCT NAME: Super Therm (UPC#851207002003, SKU#768399, Part#0311)  
GHS PRODUCT IDENTIFIED: Global Harmonized System #3209.10.000  
CHEMICAL TYPE: Waterbased coating  
MANUFACTURER: Superior Products International II, Inc.  
ADDRESS: 10835 W. 78th St., Shawnee, KS 66214 USA  
PRODUCT USE: Insulation coating to create thermal barrier on substrates  
EMERGENCY TELEPHONE NUMBER: 800/424-9300; 202/483-7616

## **SECTION II - HAZARD IDENTIFICATION:**

This product is water-based and not classified as dangerous for supply or conveyance. The ingredients are water-reduceable. 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 nor toxic off-gassing are present.

## **SECTION III - HAZARD INGREDIENTS:**

<u>Hazardous Ingredients</u>	<u>%</u>	<u>CAS/PIN</u>	<u>LD-50 (species/route)</u>	
<u>LC50 (species)</u>				
texanol	0.5	25265-77-4	3200 mg/kg (oral, rat)	NAV
mica/additives	14.0	12001-26-2	NAV	NAV
waterborne				
polyurethane	10.0	58043-05-3	NAV	NAV

## **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 - FIRE FIGHTING 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 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	VAPOUR PRESSURE: 17 mmHg @ 20C degrees
VAPOUR DENSITY (Air = 1): 2.1	
EVAPORATION RATE: slow%	VOLATILES: less than 5

**SECTION X - STABILITY AND REACTIVITY DATA:**

CONDITIONS OF REACTIVITY: stable	CONDITIONS OF INSTABILITY: stable
CHEMICAL INCOMPATIBILITY: strong acids or bases	CORROSIVE BEHAVIOR? no
HAZARDOUS DECOMPOSITION PRODUCTS: none known, no hazardous polymerization	

**SECTION XI - TOXICOLOGICAL PROPERTIES:**

ROUTES OF ENTRY: SKIN CONTACT \_\_\_ SKIN ABSORPTION \_\_\_ EYE CONTACT X  
INHALATION \_\_\_ INGESTION X SYNERGISTIC PRODUCTS None Known

EXPOSURE LIMITS: mica 3 mg/m3 (ACGIH)

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

MUTAGENICITY: NAP	TERATOGENICITY: NAP
REPRODUCTIVE TOXICITY: NAP	CARCINOGENICITY: ingredients not listed
SENSITIZATION: not expected	

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. 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:**