

MATERIAL SAFETY DATA SHEET

SECTION I	PART A
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PRODUCT NAME VersaCrete DATE PREPARED 11/09/2012

MANUFACTURER'S NAME: SUPERIOR INDUSTRIES, INC.
6180 AIRWAYS BLVD.
CHATTANOOGA, TN 37421

EMERGENCY # (800) 476-2072 INFORMATION: (423) 899-0467

SECTION II	HAZARDOUS INGREDIENTS/IDENTITY INFORMATION
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EPOXY RESIN: RESIN COMPOUND; NON-HAZARDOUS CAS# 25068-38-6

SECTION III	PHYSICAL/CHEMICAL CHARACTERISTICS
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BOILING POINT: 500°F SPECIFIC GRAVITY: (H2O=1): 1.85
VAPOR PRESSURE: 0.03mmHg@77°F MELTING POINT: N/A
VAPOR DENSITY: <1.0 EVAPORATION RATE N/A
SOLUBILITY IN WATER: INSOLUBLE APPEARANCE AND ODOR:
WHITE
paste, almost odorless

SECTION IV	FIRE & EXPLOSION HAZARD DATA
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FLASH POINT: >PMCC 480°F FLAMMABLE LIMITS: LEL:N/A/UEL:N/A
EXTINGUISHING MEDIA: Water fog, Carbon Dioxide or dry Chemicals

SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause violent frothing and possibly endanger the life of firefighters, especially when sprayed into hot or burning containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION V	REACTIVITY DATA
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STABLE: YES CONDITIONS TO AVOID: Strong oxidizing agents, strong mineral acids, strong alkalis and amines.

UNSTABLE: NO INCOMPATIBILITY: Water and lower hydrocarbons.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO2 and various hydrocarbons, etc.
CONDITIONS TO AVOID: Hardeners for epoxy resins unless done by experienced individuals

SECTION VI	HEALTH HAZARD DATA	PART A
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ROUTES OF ENTRY
INHALATION: YES SKIN: YES INGESTION: YES

HEALTH HAZARDS
HEALTH=2 FLAM MABILITY = 1 REACTIVITY = 0

CARCINOGENY: NO NTP: N/A IARC MONOGRAPHS: N/A

OSHA REGULATED: NO

SIGNS AND SYMPTOMS OF EXPOSURE: Skin rash and sensation of fair skinned people.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/A

EMERGENCY & FIRST AID PROCEDURES: Wash for 15 minutes in case of eye contact. Call a physician immediately. Wash clothing with soap and water. Discard shoes. Clean skin with waterless hand cleaner, then wash with soap & water.

SECTION VII	PRECAUTIONS FOR SAFE HANDLING AND USE
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop leak. Pump to salvage area or tank. Absorb remaining on paper, sand, clay, earth, vermiculite, floor absorbent or other absorbent materials. Shovel into containers.

WASTE DISPOSAL METHOD: Use federal, state and local approved methods. PRECAUTIONS TO BE TAKEN IN STORAGE & HANDLING: Wear protective boots, goggles, gloves, long sleeve shirt and long pants to protect skin and eyes.

OTHER PRECAUTIONS: Provide ventilation from exhaust fans.

SECTION VIII	CONTROL MEASURES
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RESPIRATORY PROTECTION: SELF-CONTAINED RESPIRATORS ARE RECOMMENDED.

VENTILATION: YES PROVIDE THOUGH USE OF EXHAUST FANS.

PROTECTIVE GLOVES: YES EYE PROTECTION: GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Long sleeve shirts, long pants & boots.

WORK/HYGIENIC PRACTICES: Isolated contact with skin can be cleaned off the skin by the use of waterless hand cleaners followed by washing with soapy water. Rinse & dry with paper towels. DO NOT use solvent.

SECTION IX	PART A
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D.O.T Non-Hazardous

MATERIAL SAFETY DATA SHEET

PART B

SECTION I

PRODUCT NAME: VersaCrete

MANUFACTURER'S NAME: SUPERIOR INDUSTRIES, INC.
6180 AIRWAYS BLVD.
CHATTANOOGA, TN 37421
EMERGENCY # (800) 476-2072 INFORMATION: (423) 899-0467

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

TETRA ETHYLENE PENTAMINE CAS# 112-57-2
TALL OIL FATTY ACID CAS# 68953-36-6

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 432°F SPECIFIC GRAVITY: (H20=1):1.78
VAPOR PRESSURE: <1MMHG@77°F MELTING POINT: N/A
VAPOR DENSITY: N/A EVAPORATION RATE: N/A
SOLUBILITY IN WATER: SLIGHT APPEARANCE AND ODOR: BLACK paste, slight ammonia odor.

SECTION IV FIRE & EXPLOSION HAZARD DATA

FLASH POINT: PMCC 259°F FLAMMABLE LIMITS: LEL: N/A/ UEL: N/A
EXTINGUISHING MEDIA: FOAM, DRY CHEMICALS, CO2

SPECIAL FIRE FIGHTING PROCEDURES: Toxic vapors present, use self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers of burning liquid cool with water sprayed on the outside of containers.

SECTION V REACTIVITY DATE

STABLE: YES CONDITIONS TO AVOID: High heat.150°F

UNSTABLE: NO INCOMPATIBILITY: Strong oxidizing agents, mineral Acids

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NOX,COS.CO

HAZARDOUS POLYMERIZATION MAY OCCUR: NO WILL NOT OCCUR: YES

CONDITIONS TO AVOID: mixing with epoxy resins other than by experienced personnel

SECTION VI HEALTH HAZARD DATA PART B

ROUTES OF ENTRY
INHALATION: YES SKIN: YES INGESTION: YES

HEALTH HAZARDS

HEALTH = 3 FLAMMABILITY – 1 REACTIVITY = 0

CARCINOGENY: NO NTP: N/A IARC MONOGRAPHS: N/A

SIGNS AND SYMPTOMS OF EXPOSURE: Rash on the skin

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/A

EMERGENCY & FIRST AID PROCEDURES: Do not induce vomiting. Give water or Milk to drink to dilute throat irritation in case vomiting should happen.

SECTION VII	PRECAUTIONS FOR SAFE HANDLING AND USE
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop Leak. Pump to salvage area or tank. Absorb remaining on paper, sand, clay, earth, Vermiculite, floor absorbent or other absorbent materials. Shovel into containers.

WASTE DISPOSAL METHOD: Use Federal, state and local approved methods

PRECAUTIONS TO BE TAKEN IN STORAGE & HANDLING: Wear protective Boots, goggles, gloves, long sleeve shirt and long pants to protect skin and eyes.

OTHER PRECAUTIONS: Provide ventilation from exhaust fans.

SECTION VIII	CONTROL MEASURES
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RESPIRATORY PROTECTION: SELF-CONTAINED RESPIRATORS ARE RECOMMENDED.

VENTILATION: YES PROVIDE THROUGH USE OF EXHAUST FANS.

PROTECTIVE GLOVES: YES

EYE PROTECTION: Goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Long sleeve shirts, long pants & boots.

WORK/HYGIENIC PRACTICES: Isolated contact with skin can be cleaned off the skin By the use of waterless hand cleaners followed by washing with soapy water. Rinse & Dry with paper towels. DO NOT use solvent.

SECTION IX	PART B
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D.O.T. Non-Hazardous