

Fibergrate Material Safety Data Sheet

Chemgrate[®], Chemplate[®], Chemtred[®]

Reprint Date: 04/20/11 | Issue Date: 04/04/97 | Review Date: 03/07/14 | Revision Date: 03/07/11

Section I - Product & Company Identification

Emergency Phone Number:	800-527-4043
Product:	Chemgrate [®] , Chemplate [®] , Chemtred [®]
HMIS Rating:	(H=0, F=1, R=0)
PPE:	Refer to MSDS Section VIII - Control Measures

Fibergrate Composite Structures Inc.
5151 Beltline Road, Suite 1212
Dallas, TX 75254

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

Section II - Chemical Ingredients

Chemical Component	Cas No.	Percent	OSHA-PEL
Polymerized Resin	None	N/A	N/A
Fiberglass Reinforced Plastic (FRP)	None	50-55	5 mg/M ³ (Nuisance Dust)
Fiberglass Strand	65997-17	30-55	5 mg/M ³
Silica Sand	14808-60-7	10-15	.01 mg/M ³

Section III - Physical - Chemical Characteristics

Property	Measurement
Boiling Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Specific Gravity	1.6 - 2.0
Melting Point	N/A
Evaporation Rate	N/A
Solubility in Water	None
Appearance and Odor	Various colored meshes and solid shapes. Low to no odor.

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Section IV - Fire and Explosion Data

Flash Point:	N/A
Flammable Limits:	N/A
Extinguishing Media:	Water; Foam/Type A, B, or C Extinguishers
Special Firefighting Procedures:	Use Self-Contained Breathing Apparatus (SCBA) with full face mask operated in pressure mode.
Unusual Fire & Explosion Hazards:	Burning FRP creates a complex mixture of solid, liquid, particulate and gasses. Carbon Monoxide, and other unidentifiable organic compounds may be given off.
LEL:	N/A
UEL:	N/A

Section V - Reactivity Data

Stability:	Stable
Conditions to Avoid:	Sources of ignition, sparks or flames, extremely high temperatures
Incompatibility:	Strong oxidizing acid
Hazardous Decomposition or Byproducts:	N/A
Hazardous Polymerization:	Will not occur

Section VI - Health Hazard Data

Routes of Entry:	Inhalation, Skin and Ingestion
Health Hazards (Acute & Chronic):	Dust from cutting may act as a mechanical irritant to skin, eyes and upper respiratory system. Vapors or products of thermal degradation generated by cutting or grinding may aggravate or cause respiratory conditions
Carcinogenicity:	NTP? N/A IARC Monographs? N/A OSHA Regulated? N/A
Signs & Symptoms of Exposure:	Temporary irritation and itching to skin or eyes. Scratchiness or burning of the nose and/or throat if exposed to large amount of airborne dust from cutting or machining.
Medical Conditions Generally Aggravated by Exposure:	Chronic dermatitis or respiratory conditions.
Emergency and First Aid Procedures:	Wash skin well without rubbing. For eyes, use a sterile solution and flood the eye area. Change clothing after exposure. Apply antiseptic to any abraded skin area.

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Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled:	No material is released in the product's normal solid form. However, when cutting, grinding or machining, if airborne dust is generated, the wearing of respirators is recommended. Control and collect any dust. Place in sturdy containers for proper disposal
Water Disposal Method:	Control and collect any dust generated in sturdy containers to prevent dispersal. Dispose of in accordance with all federal, state and local regulations. Generally the dust is not considered a hazardous waste.
Other Precautions:	Do not allow dust to go uncontrolled. CP-84 resin will burn. Avoid fire source.

Section VIII - Control Measures

Respiratory Protection:	A NIOSH-MSMA approved for dusts and mists with PEL not less than 0.1 mg/M ³ when cutting or grinding.
Ventilation:	Mechanical dust collector with local exhaust recommended at point of generation of any dust due to cutting or grinding.
Protective Gloves:	Wear cloth gloves when handling product to prevent cuts, scratches or abrasions.
Eye Protection:	Wear protective eyewear with side shield or ventilated goggles when cutting or grinding.
Other Protective Equipment:	Long sleeve shirts with closed collars, long pants or protective clothing may be worn to prevent dust exposure when cutting or grinding product.
Work Hygienic Practices:	Use personal protection equipment to minimize skin, respiratory and eye exposure to dust and fumes when cutting or grinding product. Do not rub or scratch skin if dust particles have accumulated on exposed skin. Wash all exposed skin areas thoroughly after cutting or grinding. Launder clothing separately and frequently to prevent skin exposure.

We believe that the above information is valid and reliable. The information, however, is provided without any representation of warranty, expressed or implied regarding the accuracy of correctness. The conditions of methods of handling, storage, use, cutting grinding, disposal, or other use of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use, cutting grinding, disposal or any other use of this product.