

# MATERIAL SAFETY DATA SHEET

**Steele Plastics**  
P.O. Box 1076  
Conway, AR 72033

Date Printed: 8/16/2007

## I. EMERGENCY CONTACT INFORMATION

Emergency Telephone: 800-523-2167  
Attention: Customer Service

Revision Date: 08/23/05  
MSDS File ID: SP Composite Product

## Product Description: Fiberglass Reinforced Plastic (Dust from grinding)

HMIS Ratings.....Health (1) – Flammability (1) – Reactivity (0)  
This MSDS complies with 29 CFR 1910.1200 (Hazard Communication).

## II. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

This product meets the definition of “article” under “29CFR1910-1200 (c) October, 1989 – A manufacturer item: I. Which is formed to a specific shape or design during manufacture; II. Which has end function(s) dependent in whole or part upon its shape or design during end use and III. Which does not release or otherwise result in exposure to a hazardous chemical under normal conditions of use. It is therefore not considered a hazardous material.

**CAUTION: In the event this article is drilled, sanded or grinded, dust may be generated.**

This MSDS complies with 29 CFR 1910.1200 (Hazard Communication).

Component Identification	CAS	OSHA PEL	ACGIH TLV	% (by weight)
Cured Thermoset Resin*	NA	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> (inhalable dust) 3 mg/m <sup>3</sup> (respirable dust)	40 – 100
Fiberglass	0065997-17-3	(respirable dust)		0 – 60

*\*The materials that composed the thermoset resin include resin, fillers, pigments and processing additives. During manufacturing the mixture is polymerized into a stable, fiberglass-reinforced solid material that is non-hazardous when handled or processed in accordance with good manufacturing and industrial hygiene practices.*

Product Description.....**FIBERGLASS REINFORCED PLASTIC (FRP)**

## III. PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point.....Not Applicable  
Melting Point.....Not Applicable  
Vapor Pressure.....Not Applicable  
Vapor Density (Air = 1).....Not Applicable  
Specific Gravity (Water = 1).....1.2 – 2.0  
Evaporation Rate (butyl acetate = 1).....Not Applicable  
pH.....Not Applicable  
Appearance and Odor.....Variable Color, Odorless  
Odor Threshold.....Not Applicable

**IV. FIRE and EXPLOSION HAZARDS**

Flash Point.....Not Applicable  
Autoignition Temperature.....Not Applicable  
LEL / UEL.....Not Applicable  
Extinguishing Media.....Water, Foam, or Type A, B, or C Extinguisher  
NFPA Ratings.....Health (1) – Flammability (1) – Reactivity (0)

Special Firefighting Procedures: In a sustained fire, a self-contained breathing apparatus should be worn to avoid breathing products of decomposition.

Fire and Explosion Hazards: Product may burn if exposed to flames or sufficient heat.

Composites dust may have the characteristics of a combustible solid/dust, as defined by the applicable building codes and NFPA 654 (standard for combustible particulate solids).

Care should be taken to prevent unsafe accumulation of dust levels in enclosed areas.

**V. REACTIVITY DATA**

Stability.....Stable  
Hazardous Polymerization.....Will Not Occur  
Conditions to Avoid.....Extreme High Temperatures  
Incompatibilities.....Not Applicable  
Hazardous Decomposition Products.....Unknown

**VI. HEALTH HAZARD DATA**

Route(s) of Entry (for dust): Inhalation, Contact with Skin, Eyes

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air. See physician if respiratory irritation persists

Contact with Skin: Wash with soap and water

Eyes: Flush in approved eye wash, consult a physician

Acute (Short-Term) Health Effects: Dust generated from cutting or sanding may cause moderate irritation to the eyes, skin, and upper respiratory tract.

Chronic (Long-Term) Health Effects: Repeated or prolonged contact with the skin may cause dermatitis and skin sensitization. Repeated or prolonged exposure to excessive dust levels may result in respiratory system effects.

Carcinogenicity: None of the chemicals in this product are classified as known or potential human carcinogens by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or OSHA.

Signs and Symptoms of Exposure: Signs and symptoms following exposure to this product will generally be related to the dusts generated when cutting or sanding and may include irritation (itching) of the skin, irritation to the eyes, and irritation to the respiratory tract.

**VII. PRECAUTIONS FOR SAFE HANDLING and USE**

Steps to be Taken in Case Material is Released or Spill: Not applicable.

Waste Disposal Method: Disposal must be in accordance with applicable laws.

Precautions to be Taken in Handling and Storage: No specific precautions.

**VIII. CONTROL MEASURES**

Respiratory Protection: Dust mask or dust collection system such as to maintain employee exposures below prescribed limits.

Ventilation: A system of local and/or general exhaust is recommended when cutting or sanding.

Hand Protection: appropriate gloves.

Eye Protection: ANSI-approved safety glasses with side shields when cutting or sanding.

Other: None specifically recommended.

**IX. REGULATORY INFORMATION (Not meant to be all-inclusive)**

Hazardous Materials Transportation Act (HMTA)

This material should be classified as follows:

Proper Shipping Name.....Non-Regulated

Hazard Class.....Not Applicable

Identification Number.....Not Applicable

Packaging Group.....Not Applicable

Label Required.....Not Applicable

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Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

This produce contains the following CERCLA Section 102(a) hazardous substance(s) as listed in 40 CFR 302.4:

Identity	CAS	% (by weight)	Reportable Quantity (RQ)
None			

Superfund Amendment and Reauthorization Act (SARA)

This product contains the following SARA Title III Section 302 extremely hazardous substance(s) as listed in 40 CFR Part 355:

Identify	CAS	% (by weight)
None		

SARA Title III Section 311/312 hazardous categorization:

This product has been reviewed according to the EPA hazard categories promulgated under SARA Title III Section 311 and 312 and is considered to meet the following hazard categories:

- An immediate (acute) health hazard (*when exposed to dusts*)

This product contains the following SARA Title III Section 313 toxic substance(s) as listed in 40 CFR Part 372:

Identify	CAS	% (by weight)
None		

Toxic Substances Control Act (TSCA)

All ingredients are on the TSCA inventory or are not required to be on the inventory.

*The information contained herein is believed to be accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information provided. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.*

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