

8544



FIBERGLASS REINFORCED PLASTIC

Technical Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 11/17/2015

Version: 1.0

C13360
C13361
C16855
C23060
C23061
C23062

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : FIBERGLASS REINFORCED PLASTIC
Product form : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

This product is considered an article in accordance with the OSHA Hazard Communication Standard 29 CFR 1910.1200 and, as such, is exempt from the safety data sheet provisions of the regulation. Geotek has prepared this technical data sheet to provide appropriate safety and handling information for drilling of the product, which may generate a nuisance dust.

1.3. Details of the supplier of the safety data sheet

GEOTEK
1421 Second Avenue N.W.
Stewartville, MN 55976
(507) 533-6076 ext. 407

1.4. Emergency telephone number

Emergency number : (507) 533-6076 ext. 407

SECTION 2: Hazards identification

This product is considered an article in accordance with the OSHA Hazard Communication Standard 29 CFR 1910.1200 and, as such, is exempt from the safety data sheet provisions of the regulation.

Geotek has prepared this technical data sheet to provide appropriate safety and handling information for drilling of the product, which may generate a nuisance dust. The following information pertains to exposure to dust generated from the product, and not to the product itself, which is considered non-hazardous.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	%
Thermoset Polyester Resin	27 - 43%
Fiberglass	55 - 64%

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a comfortable position for breathing.

First-aid measures after skin contact : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water. If irritation develops or persists, get medical attention.

First-aid measures after eye contact : IF IN EYES: Immediately flush with plenty of water. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : Contact during a long period may cause slight irritation.

Symptoms/injuries after eye contact : Direct contact with the eyes is likely to be irritating.

Symptoms/injuries after ingestion : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam, Carbon dioxide, Dry powder, Water spray.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.

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Explosion hazard : Product is not explosive.
Reactivity : No dangerous reactions known under normal conditions of use.

5.3. Advice for firefighters

Precautionary measures fire : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

Not applicable

SECTION 7: Handling and storage

Not applicable

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

PUPI FIBERGLASS CROSSARMS AND BRACES*

OSHA PEL (TWA) (mg/m ³)	≤ 5 (Respirable Fraction) ≤ 15 (Total Dust)
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*Exposure limits are for inert or nuisance dust. No specific exposure limits have been established for this product by OSHA or ACGIH.

8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment : Use of a dust mask is recommended when drilling.



Hand protection : Use gloves appropriate to the work environment.
Eye protection : Use eye protection suitable to the environment. Avoid direct contact with eyes.
Skin and body protection : Wear suitable protective clothing.
Respiratory protection : In the event that dust and/or fine particles are generated with this product, it is prudent to minimize prolonged inhalation exposure to these forms not to exceed the occupational exposure limit.

SECTION 9: Physical and chemical properties

Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Pyrolysis can evolve a variety of organic compounds.

SECTION 11: Toxicological information

Not applicable

FIBERGLASS REINFORCED PLASTIC

Safety Data Sheet

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SECTION 12: Ecological information

Not applicable

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

Not hazardous for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

FIBERGLASS REINFORCED PLASTIC	
All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt	
SARA Section 311/312 Hazard Classes	None

15.2. International regulations

No additional information available.

15.3. US State regulations

California Proposition 65

WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

Benzene (71-43-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL) / Maximum Allowable Dose Levels (MADL)
Yes	Yes	No	Yes	6.4 (oral) µg/day 13 (inhalation) µg/day / 24 (oral) µg/day 49 (inhalation) µg/day

Methyl alcohol (67-56-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
No	Yes	No	No	Not available

Catechol (120-80-9)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	Not available

Styrene (100-42-5)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Benzene (71-43-2)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Methyl alcohol (67-56-1)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

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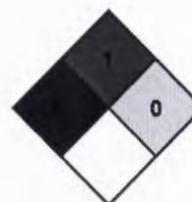
Limestone (1317-65-3)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Indication of changes : Revision 1.0: New TDS Created.
Revision date : 11/17/2015
Other information : Author: BCS.

NFPA health hazard : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard : 1 - Must be preheated before ignition can occur.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health : 0
Flammability : 1
Physical : 0
Personal Protection :

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product