



171 West St. Charles Road, Carol Stream, IL 60188-2081 / 630-784-6200 / Fax: 630-784-6201

## PRODUCT SAFETY INFORMATION SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: FPC Series

CHEMICAL FAMILY: Filled Silicone Foam on Fiberglass

HMIS RATING: H 1 F 1 R 0

USE OF MATERIAL: Fire Barrier

DATE PREPARED: July 6, 2011

COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation  
171 West St. Charles Road  
Carol Stream, IL 60188-2081  
Phone: 001-630-784-6200  
Fax: 001-630-784-6201  
Email: MSDSINFO@Rogerscorporation.com

CHEMTREC: 800-424-9300 (U.S. & Canada)  
703-527-3887 (International – Call Collect)

### 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: NE

LABELING REQUIREMENTS: NE

EFFECTS OF OVEREXPOSURE: None are expected with normal handling. Materials listed in Section 2 are encapsulated or compounded making release unlikely. Cutting and other finishing operations may create dust. Ventilation and personal protective equipment should be similar to operations generating nuisance dust.

INHALATION: Dusts may cause respiratory irritation.

EYE CONTACT: Dusts may cause irritation.

SKIN CONTACT: Dusts may cause irritation.

INGESTION: None known.

CHRONIC: None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is produced as an "article" as defined in 20 CFR 1910.1200 and is therefore exempt from the Hazard Communication Standard. Since this material does not release chemicals and will not result in exposure to a hazardous chemical under normal conditions of use, no Material Data Sheet is required. This form is provided as a convenience to our customers.

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>China OEL</u>	<u>EU Classification</u>
Alumina Trihydrate	21645-51-2	244-492-7	< 60	5 mg/m <sup>3</sup> (Resp. Dust)	3 mg/m <sup>3</sup> (Resp. Dust)	NE	Not classified under 67/548/EC
Treated Silica	Trade Secret	238-878-4	< 15	5 mg/m <sup>3</sup> (Nuisance Dust)	5 mg/m <sup>3</sup> (Nuisance Dust)	NE	Not classified under 67/548/EC
Aluminum Oxide	1344-28-1	215-691-6	< 35	5 mg/m <sup>3</sup> (Resp. Dust)	10 mg/m <sup>3</sup> (Resp. Dust)	NE	Not classified under 67/548/EC
Fiberglass Backing (Continuous filament)	65997-17-3	266-046-0	Varies	5 mg/m <sup>3</sup> (Resp. Dust)	3 mg/m <sup>3</sup> (Resp. Dust)	NE	Not classified under 67/548/EC

#### 4. FIRST-AID MEASURES

INHALATION:	Remove to fresh air. Obtain medical attention if symptoms persist.
EYE CONTACT:	Flush eyes with large amounts of water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
SKIN CONTACT:	Immediately take off all contaminated clothing and flush area with soap and water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
INGESTION:	Not a likely route of exposure. If large amounts of processing dusts are ingested resulting in gastrointestinal discomfort, seek medical attention.

#### 5. FIRE-FIGHTING MEASURES

FLASH POINT:	NA	Flammable Limits:	LEL	NE	UEL	NE
AUTOIGNITION TEMPERATURE:	NA					
EXTINGUISHING MEDIA:	<u> X </u> Water Spray <u> X </u> Dry Chemical	<u> X </u> Foam <u>     </u> Other –	<u> X </u> CO <sub>2</sub>			
SPECIAL FIRE FIGHTING PROCEDURES:	Firefighters should be equipped with self-contained breathing apparatus and turnout gear.					
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Decomposition in a fire may produce toxic fumes and siliceous char.					

#### 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear suitable protective equipment. Wear self-contained breathing apparatus and heavy rubber gloves. Avoid contact with skin and eyes.
ENVIRONMENTAL PRECAUTIONS:	Prevent from entering sewer system, surface water or soil.
CLEANING METHODS:	Pick up larger solid materials. Use broom and dust pan to collect smaller pieces. Dispose of properly.

## 7. HANDLING AND STORAGE

HANDLING:	Wear suitable protective equipment (refer to Section 8). Wash hands with soap and water after handling. Avoid processing conditions that release small particles of materials (10 micrometers or less).
STORAGE:	Keep container tightly closed in a dry, cool, and well-ventilated area.

## 8. ENGINEERING CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:	None needed under normal conditions. If material is heated and odors are noticeable and/or irritating, a respirator meeting NIOSH requirements should be used. A qualified individual should evaluate each situation.
<u>VENTILATION</u>	
LOCAL:	Recommended for all industrial operations.
GENERAL:	Recommended for all industrial operations.
<u>PERSONAL PROTECTION</u>	
HAND:	Cotton gloves to protect from fiberglass.
EYE:	Safety glasses are recommended with all industrial operations.
SKIN:	Any material that will prevent contact with fiberglass.
OTHER:	Safety shower/eyewash in the area if possible tissue exposure to materials.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Silicone Material – Fiberglass Backing
ODOR:	Slight characteristic
PHYSICAL STATE:	Solid, Off-White
BOILING POINT:	NA °C (°F)
MELTING POINT:	NE °C (°F)
FREEZING POINT:	NA °C (°F)
WATER SOLUBILITY:	NE °C (°F)
VAPOR PRESSURE:	In-soluble
SPECIFIC GRAVITY:	0.5 (Water = 1)
PARTITION COEFIECIENT:	NA
EXPLOSIVE PROPERTIES:	NA
EVAPORATION RATE:	NA
DENSITY:	0.5 g/cc
VISCOSITY:	N/A
IGNITION TEMPERATURE:	NA
PH:	NA °C (°F)
FLAMMABILITY:	NA °C (°F)
OXIDIZING PROPERTIES:	NA

## 10. STABILITY AND REACTIVITY

STABLE   X   UNSTABLE \_\_\_\_\_

CONDITIONS TO AVOID:	NE
MATERIALS TO AVOID:	NE
HAZARDOUS POLYMERIZATION:	_____ May Occur _____ X _____ Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide, formaldehyde, silicon dioxide, and traces of partially burned carbon compounds.

