



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: HT-200 Series  
 CHEMICAL FAMILY: Polydimethylsiloxane Polymer  
 HMIS RATING: H 0 F 1 R 0  
 USE OF MATERIAL: Sound Barrier  
 DATE PREPARED: 03/08/2011  
  
 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: The IARC has listed carbon black as a Class 2B possible human carcinogen based on animal studies.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<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	20-40	5 mg/m <sup>3</sup> (Resp. Dust)	3 mg/m <sup>3</sup> (Resp. Dust)	NE	Not classified under 67/548/EC
Carbon Black	1333-86-4	215-609-9	<1	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	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

Barium Sulfate	7727-43-7	7727-43-7	20-50	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 (Non Crystalline)	Trade Secret	272-697-1	1-5	5 mg/m <sup>3</sup> (Resp. Dust)	3 mg/m <sup>3</sup> (Resp. Dust)	NE	Not classified under 67/548/EC

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.

#### 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 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	<u>NE</u>	UEL	<u>NE</u>
AUTOIGNITION TEMPERATURE:	NA					
EXTINGUISHING MEDIA:	<u>  X  </u> Water Spray	<u>  X  </u> Foam	<u>  X  </u> CO <sub>2</sub>			
	<u>  X  </u> Dry Chemical	<u>      </u> Other –				
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.

### VENTILATION

LOCAL: Recommended for all industrial operations.  
GENERAL: Recommended for all industrial operations.

### PERSONAL PROTECTION

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: Cellular Silicone Material – Fiberglass Backing  
ODOR: Slight characteristic  
PHYSICAL STATE: Solid  
BOILING POINT: NA °C (°F)  
MELTING POINT: NE °C (°F)  
FREEZING POINT: NA °C (°F)  
WATER SOLUBILITY: NE  
VAPOR PRESSURE: None  
SPECIFIC GRAVITY: 1.9 (Water = 1)  
PARTITION COEFIECIENT: NA  
EXPLOSIVE PROPERTIES: NA  
EVAPORATION RATE: NA  
DENSITY: 1.9 g/cc  
VISCOSITY: NA  
IGNITION TEMPERATURE: NA  
PH: NA  
FLAMMABILITY: NA  
OXIDIZING PROPERTIES: NA

## 10. STABILITY AND REACTIVITY

STABLE  UNSTABLE \_\_\_\_\_  
CONDITIONS TO AVOID: \_\_\_\_\_ NE  
MATERIALS TO AVOID: \_\_\_\_\_ NE  
HAZARDOUS POLYMERIZATION: \_\_\_\_\_ May Occur  Does Not Occur  
HAZARDOUS DECOMPOSITION PRODUCTS: \_\_\_\_\_ Decomposition in a fire may produce toxic fumes and siliceous char. Carbon monoxide, carbon dioxide, fluorine compounds, formaldehyde, silicon dioxide, and traces of incompletely burned carbon compounds.

## 11. TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC: NE  
REPRODUCTIVE HAZARDS: NE  
CARCINOGENIC STATUS: Carbon black - IARC Class 2B (Possible carcinogenic to humans).

## 12. ECOLOGICAL INFORMATION

NA

## 13. DISPOSAL CONSIDERATION

ENVIRONMENTAL TOXICITY DATA: NA  
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable, federal, state, provincial, and local laws and regulations.  
CONTAINER DISPOSAL: Dispose of in accordance with applicable, federal, state, provincial, and local laws and regulations.

## 14. TRANSPORT INFORMATION

UN NUMBER: Not Regulated  
UN PROPER SHIPPING NAME: Not Regulated  
HAZARD CLASS (ES): Not Regulated  
PACKING GROUP: Not Regulated  
ENVIRONMENTAL HAZARDS: Not Regulated

## 15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:  
Canadian (DSL/NDSL): Listed  
Australian (ACIS): Listed  
Korea (KECI): Listed  
Japan (ENCS, MITI): Listed  
REACH Directive: Material is Classified as an Article  
EU Directive 2002/95/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.  
  
European:  
Symbol: Not classified according to directive 1999/45/EC (dangerous preparations).  
R-Phase(s): NA  
S-Phase(s): NA  
TSCA: All ingredients listed on TSCA or exempt. Material is classified as and Article  
(*Toxic Substances Control Act*):  
CERCLA: NA  
(*Comprehensive Emergency Response, Compensation, and Liability Act*):  
SARA TITLE III: NA  
(*Superfund Amendments and Reauthorization Act*):  
311/312 HAZARD CATEGORIES: None  
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
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NA

NA

NA

## 16. OTHER INFORMATION

NA = Not Applicable  
NE = Not Established  
NC = Not Classified

FILE: 99062-HT200 Series PSIS-03232011.doc  
99062  
PREPARED BY: Michal Werbecki  
REVIEWED BY: Frances Walsh

Review date: 03/23/2011

Section Modified:

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