

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements

# U.S. Department of Labor

Occupation Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

## IDENTITY

**SMEL- REPEL (230218)**

*Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

## Section I

Manufacturer's Name <b>Beaver Research Company</b>		Emergency Telephone Number <b>1-800-255-3924 (Chem-Tel)</b>
Address (Number, Street, City, State, and ZIP Code) <b>3700 E. Kilgore Road, Portage, MI 49002</b>		Telephone Number For Information <b>269-382-0133</b>
HMIS Hazard Rating 0=Minimal 3=Serious 1=Slight 4=Severe 2=Moderate	Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: n	Date Prepared <b>10/16/08</b> Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	TWA	LD-50	% (optional)
Silica: Cristobalite	14464-46-1	TLV 10 mg/cu m	ND	1 - 3
Water	77332-18-5	NA	NA	20 - 25
Odor Counteractant	NA	NA	NA	4 - 5
Montmorillonite Clay	70892-59-0	TLV 3mg/m3	NA	50 - 60
Silica: Quartz	14808-60-7	TLV 10 mg/cu m (0.0008% respirable)	ND	3 - 7

## Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity	N/D (Bulk density greater than 0.75 g/mL)
Vapor Pressure	Less than 1 Torr at 20°C	Percent Volatiles	Less than 35% including water
Vapor Density	ND	Evaporation Rate	NA
Solubility in Water Insoluble		pH N/A	VOC (% weight) Less than 20%, all fragrance

### Appearance and Odor

Gray to brown granular solid; Spicy odor.

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammability (solid/gas) Not considered flammable	LEL ND	UEL ND
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### Extinguishing Media

**Suitable:** Foam, carbon dioxide, dry chemical **Unsuitable:** Fragrance portion could float on surface of water and continue burning.

### Special Fire Fighting Procedures

Due to crystalline silica, self-contained breathing apparatus is recommended.

### Unusual Fire and Explosion Hazards

Products of combustion: Oxides of carbon and nitrogen.

## Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	None known
	Stable	X	

### Incompatibility (Materials to Avoid)

None known.

### Hazardous Decomposition or Byproducts

None known.

Hazardous Polymerization	May Occur	Conditions to Avoid	None known
	Will Not Occur	X	

**Section VI - Health Hazard Data**

Likely Route(s) of Entry:	Inhalation?	Skin?	Ingestion?	Inhalation?
	<b>X</b>	<b>X</b>		<b>X</b>

Health Hazards (Acute and Chronic)

Years of exposure may cause silicosis sensitivity.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

**Eye:** Direct exposure can irritate. **Skin:** Prolonged or repeated exposure can irritate. **Ingestion:** Not expected to be a problem. **Inhalation:** May aggravate preexisting respiratory problems.

Medical Conditions Generally Aggravated by Exposure

Allergies to fragrances; asthma or preexisting respiratory problems.

Emergency and First Aid Procedure

**Eye contact:** Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician. **Skin contact:** Wash with soap and water. **Inhalation:** Remove to fresh air. **Ingestion:** Give water or milk to drink if cautious. **Note to physicians:** Inhalation of fragrance is not expected to be a problem. Inhaled or Respirable Quartz and Cristobalite have been associated with cancer.

**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

**Personal Precautions:** Keep away from skin and eyes. If product appears dry or dusty, wear dust mask or respirator. **Environmental Precautions:** Keep out of surface waters and sanitary sewers. **Methods for Containment:** No special requirements. Liquid portion is absorbed on mineral carrier.

Waste Disposal Method

Sweep, shovel or scoop up. After granular powder has been swept or shoveled up, area of spill may be mopped with soap and water.

Precautions to be Taken in Handling and Storage

Keep away from skin and eyes. If product is dry or dusty, wear dust mask or respirator. Store in original container at ambient temperatures (below 60°C/140°F).

Other Precautions

Keep out of reach of children. Use only as directed

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

Dust mask or respirator recommended, especially if product appears dry or dusty.

Ventilation	Local Exhaust	Normal	Special	N/A
	Mechanical(General)	Normal	Other	N/A

Protective Gloves

Rubber or other protective gloves recommended if handling large quantities.

Eye Protection

Protective goggles recommended if handling large quantities.

Other Protective Clothing or Equipment

N/A

Work/Hygienic Practices

Wash with soap and water after handling. Keep out of food and beverages.

NA=Not Applicable - NE=Not Established - ND=Not Determined

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