

# 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

**BEAVER SEAL RED (370004)**

*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

Manufactured For: <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>
NFPA/HMIS RATINGS: Health: 1/1 Flammability: 1/1 Reactivity: 0/0 Personal Protection: --/--	Date Prepared <b>10/29/01</b>
	Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Carcinogen Ref. Source**	% (optional)
Silica, Amorphous	7631-86-9	6mg/m3	10mg/m3	d	--
Methyltriacetoxysilane	4253-34-3	10	10	d	--
Ethyltriacetoxysilane	17689-77-9	10	10	d	--
Note: Pressurizing Propellant (Gas is not expelled with product) Isobutane/Propane Blend	75-28-5	800	800	d	--
	74-98-6	1000	1000	d	--

## Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	1.03
Vapor Pressure: PSIG @ 70°F (Aerosols)	N/A	Vapor Pressure (Non-Aerosols) (mm Hg and Temperature)	<5
Vapor Density (AIR = 1)	N/A	Evaporation Rate ( = 1)	N/A
Solubility in Water <0.1	Water Reactive Yes		
Appearance and Odor Colored paste with acetic acid-like odor.			

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) (non-aerosols) N/A	Flammable Limits N/A	LEL N/D	UEL N/D
Extinguishing Media Water, water fog, CO <sub>2</sub> , dry chemical, foam.			
Special Fire Fighting Procedures Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.			
Unusual Fire and Explosion Hazards Containers may rupture if heated above 130°F.			

## Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	N/A
	Stable		
Incompatibility (Materials to Avoid) Oxidizing materials can cause a reaction. Air or moisture causes curing and acetic acid vapors form.			
Hazardous Decomposition or Byproducts Metal oxides, silicon dioxide, carbon dioxide, traces of incompletely burned carbon products, includes formaldehyde.			
Hazardous Polymerization	May Occur	Conditions to Avoid	Exposure to air or moisture until ready to use.
	Will Not Occur		

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

**Acute Effects:** None known. **Inhalation:** Vapor overexposure may irritate eyes, nose, throat. **Eye Contact:** Direct contact irritates slightly with swelling and redness. **Skin Contact:** Short exposure may irritate. Repeated prolonged contact may irritate moderately. **Ingestion:** Swallowing large amounts may seriously injure.

**Chronic Effects:** None known.

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

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

Nose, throat, skin and digestive system.

Emergency and First Aid Procedure

**Eye Contact:** Flush with water for 15 minutes. Get medical attention. **Skin Contact:** Wipe off and flush with water. If irritation develops, get medical attention. **Inhalation:** Remove to fresh air. If ill effects persist, get medical attention. **Ingestion:** DO NOT INDUCE VOMITING. Drink large quantity of water. Get immediate medical attention.

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

Steps to be Taken in Case Material is Released or Spilled

Remove product and contain for salvage or disposal.

Waste Disposal Method

Dispose of in accordance with all local, state and federal regulations.

Precautions to be Taken in Handling and Storage

Store below 90°F.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. Product forms acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid exposure limits within 10 ppm.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

None needed.

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

Protective Gloves

Rubber or plastic.

Eye Protection

Safety glasses.

Other Protective Clothing or Equipment

None.

Work/Hygienic Practices

Remove contaminated clothing and shoes and clean thoroughly before reuse. Wash hands after handling.

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

\*\*Chemical Listed as Carcinogen or Potential Carcinogen, [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only