

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 BLUE (370003)

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:

Beaver Research Company

Address (Number, Street, City, State, and ZIP Code)

3700 E. Kilgore Road, Portage, MI 49002

NFPA/HMIS RATINGS:

Health: 1/1
Flammability: 1/1
Reactivity: 0/0
Personal Protection: B/B

Emergency Telephone Number

1-800-255-3924 (Chem-Tel)

Telephone Number For Information

269-382-0133

Last Revision Date

10/29/01

Date Printed

05/29/07

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical
Identity; Common Name(s))

CAS No.

OSHA PEL

ACGIH
TLV

Carcinogen
Ref. Source**

SARA
III LIST

Silica, Amorphous

7631-86-9

6mg/m3

10mg/m3

d

No

Methyltriacetoxysilane

4253-34-3

10

10

d

No

Ethyltriacetoxysilane

17689-77-9

10

10

d

No

Note: Pressurizing Propellant (Gas is not expelled
with product)

Isobutane/Propane Blend

75-28-5

800ppm

800ppm

d

No

74-98-6

1000ppm

1000ppm

d

No

Section III - Physical/Chemical Characteristics

Boiling Point

N/A

Specific Gravity (H₂O = 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

Flammability Limits in Air by % in Volume:

LEL

UEL

N/D

N/D

Extinguishing Media

Water, water fog, CO₂, 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

X

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

May Occur

Conditions to
Avoid

Exposure to air or moisture until ready to use.

Polymerization

Will Not Occur

X

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Eyes?	Skin?	Ingestion?
	X			

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	Eye Protection
Rubber or plastic.	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