

# 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 <b>TOUGH STUFF</b> (260295)	<i>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.</i>
---	--

<b>Section I</b>	WHMIS CLASS: D2B	D.O.T. HAZARD CLASS: Non-Hazardous
------------------	------------------	------------------------------------

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>1-800-544-0133</b>
---	---

HMIS RATING: (Based on Aerosol Concentrate): 0-Minimal; 1-Slight; 2-Moderate; 3-Serious; 4-Extreme	Date Prepared <b>05/03/99</b>
---	----------------------------------

HEALTH ..... 1 REACTIVITY ..... 0	Signature of Preparer (optional)
-----------------------------------	----------------------------------

FIRE.....0 Personal Protection: B	
-----------------------------------	--

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	LD50	LC50	%
Water (7732-18-5)	N.E.	N.E.	N.D.	N.D.	40-70
Diethylene glycol monomethyl ether(111-77-3)	N.E.	N.E.	9.21g/kg	N.D.	5
Tributoxyethyl phosphate (78-51-3)	N.E.	N.E.	9.49g/kg	30mg/l	1-5
Acrylic emulsion polymer (N.A.)	N.E.	N.E.	>5g/kg	N.D.	10-30
Polyethylene emulsion (N.A.)	N.E.	N.E.	N.D.	N.D.	10-30

This mixture contains 5% Diethylene glycol monomethyl ether which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

## Section III - Physical/Chemical Characteristics

Boiling Point	212°F 100°C	Specific Gravity (H2O = 1)	1.028
Vapor Pressure (mm Hg)	<30	Freezing Point	32°F 0°C
Vapor Density (AIR = 1)	<1	Evaporation Rate (Water = 0.3)	<0.4

Solubility in Water Complete  
pH: 8.5 - 9.5  
Total VOC: 6.2%

Appearance and Odor  
Milky Liquid - Bland

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N.A.	Flammable Limits N.A.	LEL N.A.	UEL N.A.
-----------------------------------	--------------------------	-------------	-------------

Extinguishing Media  
Use media proper to the primary cause of fire.

Special Fire Fighting Procedures  
None

Unusual Fire and Explosion Hazards  
None

## Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	None
	Stable		

Incompatibility (Materials to Avoid)  
None known

Hazardous Decomposition or Byproducts  
None known

Hazardous Polymerization	May Occur	Conditions to Avoid	None
	Will Not Occur		

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	No	Yes

Health Hazards (Acute and Chronic)

**Eyes:** Direct contact may cause irritation.**Skin:** Prolonged or repeated contact may cause irritation.**Ingestion:** May cause gastrointestinal irritation, nausea, diarrhea.**Inhalation:** Prolonged exposure in poorly ventilated area may irritate nasal mucous membranes.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None	NA	NA	NA

Signs and Symptoms of Exposure

NA

Medical Conditions Generally Aggravated by Exposure

None known

Emergency and First Aid Procedure

**Eyes:** Flush with large amounts of cool running water for at least 15 minutes holding eyelids open. **Skin:** Wash with mild soap and water. **Ingestion:** Give 2-3 large glasses of water. Seek medical attention. **Inhalation:** Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.

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

Steps to be Taken in Case Material is Released or Spilled

Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities to absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal Method

Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

Precautions to be Taken in Handling and Storage

Store in cool, dry area. Follow good housekeeping practices.

Other Precautions

Keep out of the reach of children.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

None normally required with adequate room ventilation.

Ventilation	Local Exhaust	N.A.	Special	N.A.
	Mechanical(General)	Acceptable	Other	N.A.

Protective Gloves

Rubber to protect sensitive skin.

Other Protective Clothing or Equipment

As needed to prevent wetting of clothing.

Work/Hygienic Practices

Wash thoroughly after use.