

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	Chemical Type: Silicone emulsion
DEFOAMER CONCENTRATE (180025)	Formula: Mixture silicone emulsion and additives in water

Section I

Manufacturer's Name Beaver Research Company	Emergency Telephone Number 1-800-255-3924
Address (Number, Street, City, State, and ZIP Code) 3700 E. Kilgore Rd. Portage, MI 49002	Telephone Number For Information 1-800-544-0133
HMIS RATING: (Based on Aerosol Concentrate): 0-Minimal; 1-Slight; 2-Moderate; 3-Serious; 4-Extreme HEALTH 1 REACTIVITY 0 FLAMMABILITY.. 0 PROTECTION: B (Goggles & Gloves)	Date Prepared 11/22/05 Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	TLV	Carcinogen (osha,ntp,iarc)	Other Limits Recommended	% (optional)
Dipropylene glycol methyl ether	100ppm	No	--	<3%
2-butoxyethanol	25ppm	No	--	<4%

Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H2O = 1)	1.00
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Dispersible	Total VOC: 2.0%(N.A.)		
Appearance and Odor White emulsion liquid, pleasant odor			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) >200°F Cl.Cp.	Flammable Limits	LEL NA	UEL NA
Extinguishing Media Water, carbon dioxide, dry chemical			
Special Fire Fighting Procedures Minimize prolonged skin and eye contact. Wear eye protection if exposure is likely.			
Unusual Fire and Explosion Hazards None known			

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	None
	Stable	X	
Incompatibility (Materials to Avoid) Strong oxidizing agents.			
Hazardous Decomposition or Byproducts Thermal decomposition or burning may produce carbon monoxide/dioxide and/or silicone oxides and hydrocarbon.			
Hazardous Polymerization	May Occur	Conditions to Avoid	None
	Will Not Occur	X	

Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic)

Inhalation: Breathing of mists may cause irritation. **Skin:** Extended contact with 2-butoxyethanol may result in the absorption of potentially harmful amounts leading to possible liver and kidney damage. Wear protective gloves if necessary. **Eyes:** Can cause irritation. Wear goggles as needed. **Ingestion:** May cause a mild gastric disturbance.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedure

Inhalation: Remove to fresh air. Give artificial respiration or oxygen if needed. **Skin:** Flush skin with water for 15 minutes. Get medical attention for any irritation. **Eyes:** Flush immediately with water for 15 minutes. Get prompt medical attention if needed. **Ingestion:** Drink lots of water. Do not induce vomiting. Get medical attention if effects persist.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

This material is very slippery when wet. Use good housekeeping. Maintain ventilation. Avoid contact with strong oxidizing agents.

Waste Disposal Method

Product may be disposable in sewers if local regulations permit. Otherwise, send to licensed treatment and disposal facility.

Precautions to be Taken in Handling and Storage

Check daily for any leaks from containers, vessels, pumps and piping.

Other Precautions

None.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Wear approved organic mist/vapor respirator if adverse effects occur.

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

Protective Gloves

Wear protective gloves if needed.

Other Protective Clothing or Equipment

Wear splash proof goggles as needed. Wear face shield if needed.

Work/Hygienic Practices

N/A

The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, Beaver Research cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability for its use.
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