

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 DEFENSIVE GUARD (120080)	<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>
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Section I	D.O.T. Hazard Class.: Consumer Commodity ORM-D
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Manufacturer's Name Beaver Research Company	Emergency Telephone Number 1-800-255-3924 (Chem-Tel)
Address (Number, Street, City, State, and ZIP Code) 3700 E. Kilgore Road 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 FIRE...0 PERSONAL PROTECTION: B	Date Prepared 12/12/01 Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	PEL	TWA TLV	Other Limits Recommended	% (optional)
Polydimethylsiloxane (63148-62-9)	N/E	N/E	--	<u>10-20</u>
Liquified Petroleum Gas (68476-85-7)	<u>1000ppm</u>	<u>1000ppm</u>	--	<u>05-10</u>

Section III - Physical/Chemical Characteristics

Boiling Point	216°F	Specific Gravity (H2O = 1) @70°F:	0.993
Vapor Pressure of can (psig @72°F):	53	Total VOC	7%
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Complete		pH: 8.5	
Appearance and Odor Milky white foam with mild odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None to boiling (212°F - T.O.C.)	Flammable Limits Non-flammable Spray	LEL N/A	UEL N/A
Extinguishing Media Foam, CO2, dry media			
Special Fire Fighting Procedures Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.			
Unusual Fire and Explosion Hazards Exposure to temperatures above 120°F may cause bursting.			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	None
	Stable	X		
Incompatibility (Materials to Avoid) Avoid contact with strong oxidizing agents.				
Hazardous Decomposition or Byproducts Carbon dioxide, carbon monoxide				
Hazardous Polymerization	May Occur		Conditions to Avoid	None
	Will Not Occur	X		

Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic)

Eyes: May cause slight irritation but does not injure eye tissue. **Skin:** None, prolonged contact may cause irritation. **Inhalation:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects. **Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis.

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

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedure

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately. **Skin:** Wash with soap and water. If irritation persists seek medical attention. **Inhalation:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration. **Ingestion:** Do not induce vomiting. Seek medical attention immediately.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

Waste Disposal Method

Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

Precautions to be Taken in Handling and Storage

KEEP OUT OF THE REACH OF CHILDREN. For Industrial & Institutional Use Only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F.

Other Precautions

N/A

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None needed for proper use in accordance with label directions.

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

Protective Gloves

None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

Other Protective Clothing or Equipment

Eye Protection: None needed unless it is anticipated that a splash or sprayback will occur, then wear safety glasses.

Work/Hygienic Practices

N/A

Notice: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.