

# 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

**SKIN SHIELD (120300)**

*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

D.O.T. Hazard Class: CONSUMER COMMODITY ORM-D

Manufactured For:

**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

**269-382-0133**

HMIS RATINGS:

0=Minimal 3=Serious

1=Slight 4=Extreme

2=Moderate

Health: 0

Fire: 0

Reactivity: 0

Personal Protection: A

Date Prepared

**03/25/03**

Signature of Preparer (optional)

### Section II - Hazardous Ingredients/Identity Information

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

CAS No.

PEL

TWA  
TLV

Other Limits  
Recommended

% WT

Stearic Acid

57-11-4

N/E

N/E

N/A

01-05

Polydimethylsiloxane

63148-62-9

N/E

N/E

N/A

01-05

Propylene Glycol

57-55-6

N/E

N/E

N/A

01-05

Triethanolamine

102-71-6

N/E

N/E

N/A

01-05

Isopropyl Myristate

110-27-0

N/E

N/E

N/A

01-05

Liquified Petroleum Gas

68476-85-7

1000ppm

1000ppm

N/A

05-10

### Section III - Physical/Chemical Characteristics

Boiling Point

~212°F

Specific Gravity (H<sub>2</sub>O = 1)@75°F

1.00

Vapor Pressure of can (psig @ 70°)

64

Melting Point

N/A

Vapor Density (AIR = 1)

>1

Evaporation Rate  
(Butyl Acetate = 1)

N/A

Solubility in Water

pH

8.0

Complete

Total VOC

5%

Appearance and Odor

White foam with perfumed 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, CO<sub>2</sub>, 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 temperature above 120°F may cause bursting.

### Section V - Reactivity Data

Stability

Unstable

Conditions to  
Avoid

N/A

Stable

X

Incompatibility (Materials to Avoid)

Avoid contact with strong oxidizing agents.

Hazardous Decomposition or Byproducts

Carbon monoxide, carbon dioxide.

Hazardous

May Occur

Conditions to  
Avoid

None.

Polymerization

Will Not Occur

X

**Section VI - Health Hazard Data**

|                                                                                                                                                                                        |             |                  |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|-----------------|
| Route(s) of Entry:                                                                                                                                                                     | Inhalation? | Skin?            | Ingestion?      |
|                                                                                                                                                                                        | No          | No               | Yes             |
| Health Hazards (Acute and Chronic)                                                                                                                                                     |             |                  |                 |
| <b>Eyes:</b> May cause slight irritation but does not injure eye tissue.                                                                                                               |             |                  |                 |
| <b>Skin:</b> None.                                                                                                                                                                     |             |                  |                 |
| <b>Inhalation:</b> None.                                                                                                                                                               |             |                  |                 |
| <b>Ingestion:</b> Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis. Minimal toxicity.            |             |                  |                 |
| 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                                                                                                                                                      |             |                  |                 |
| <b>Eyes:</b> 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. |             |                  |                 |
| <b>Skin:</b> If, in rare cases, allergic reaction occurs, wash with soap and water. If irritation persists seek medical attention.                                                     |             |                  |                 |
| <b>Inhalation:</b> Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.                                                            |             |                  |                 |
| <b>Ingestion:</b> 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 REACH OF CHILDREN. For industrial and institutional use only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F. <b>NFPA Code 30B Rating:</b> Level 1 Aerosol                                                                                                            |  |
| Other Precautions                                                                                                                                                                                                                                                                                                                   |  |
| None.                                                                                                                                                                                                                                                                                                                               |  |

**Section VIII - Control Measures**

|                                        |                     |     |                                                                                                                                  |     |
|----------------------------------------|---------------------|-----|----------------------------------------------------------------------------------------------------------------------------------|-----|
| Respiratory Protection (Specify Type)  |                     |     |                                                                                                                                  |     |
| None.                                  |                     |     |                                                                                                                                  |     |
| Ventilation                            | Local Exhaust       | N/A | Special                                                                                                                          | N/A |
|                                        | Mechanical(General) | N/A | Other                                                                                                                            | N/A |
| Protective Gloves                      |                     |     | Eye Protection                                                                                                                   |     |
| None.                                  |                     |     | None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles. |     |
| Other Protective Clothing or Equipment |                     |     |                                                                                                                                  |     |
| None.                                  |                     |     |                                                                                                                                  |     |
| Work/Hygienic Practices                |                     |     |                                                                                                                                  |     |
| N/A                                    |                     |     |                                                                                                                                  |     |

N/A=Not Applicable - N/E=Not Established - N/D=Not Determined - <=Less Than - >=More Than

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.