

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

TAKE OFF-VANDALISM MARK REMOVER (120330)

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.

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

Section I

Manufactured For:

Beaver Research Company

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

3700 E. Kilgore Road, Portage, MI 49002

HMIS RATINGS:

0-Minimal 3-Serious

1-Slight 4-Extreme

2-Moderate

Health: 1

Fire: 4

Reactivity: 0

Personal Protection: B

Emergency Telephone Number

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

Telephone Number For Information

269-382-0133

Date Prepared

02/26/03

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

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

CAS No.

PEL

TWA
TLV

313/CHEM

%
(optional)

Toluene

108-88-3

100ppm

100ppm

yes

40-60

Diacetone Alcohol

123-42-2

50ppm

50ppm

no

05-10

Isopropyl Alcohol

67-63-0

400ppm

400ppm

no

05-10

Liquified Petroleum Gas

68476-85-7

1000ppm

1000ppm

no

10-20

Section III - Physical/Chemical Characteristics

Boiling Point

194°F

Specific Gravity (H₂O = 1)

0.913

Vapor Pressure of can (psig @ 70°F)

45

Melting Point

N/A

Vapor Density (AIR = 1)

>1

Evaporation Rate
(Butyl Acetate = 1)

N/A

Solubility in Water

pH

N/A

Emulsifies

Total VOC

87%

Appearance and Odor

Creamy white jel, mild odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

54°F (T.O.C.)

Flammable Limits

Extremely 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

Stable

X

Conditions to
Avoid

None

Incompatibility (Materials to Avoid)

Avoid contact with strong oxidizing agents.

Hazardous Decomposition or Byproducts

Carbon Dioxide, Carbon Monoxides.

Hazardous

May Occur

Polymerization

Will Not Occur

X

Conditions to
Avoid

None.

Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic)

Eyes: May cause slight irritation but does not injure eye tissue.

Skin: Frequent or 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 the 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 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. **NFPA Code 30B Rating: Level 2 Aerosol.**

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 | Yes | 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.

Eye Protection

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

N/A

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.