

H109254
H1064

Material Safety Data Sheet

HMIS®

HIL01064

HEALTH

2

REACTIVITY

0

FLAMMABILITY

3

PERSONAL PROTECTION

B

Identity: GRAFFITI REMOVER

Formula: B901

Part numbers: 90100, 90130

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 1: Company Identification

DISTRIBUTED BY:

HILLYARD INDUSTRIES, INC.

DATE:

August 28, 2006

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

302 North Fourth Street (P.O. BOX 909)

Emergency Telephone Number

1-800-424-9300

St. Joseph, MO 64502

Telephone Number for Information

1-800-233-1321 ext. 8285

www.hillyard.com

Signature of Preparer (Optional)

Regulatory Dept.

SECTION 2: Ingredients/Identity Information

Component(s) (Chemical Identity,

Common Name(s))

CAS No.

OSHA PEL

ACGIH-TLV

Other Limits

Recommended

% (Opt.)

Water

7732-18-5

No Data

No Data

No Data

15 - 40%

Dimethyl Glutarate

77

No Data

No Data

No Data

15 - 40%

Dimethyl Adipate

627-93-0

No Data

No Data

No Data

10 - 30%

PPG-1 Methyl

25498-19-1

No Data

No Data

No Data

10 - 30%

Acetone

67-64-1

1000 ppm

500 ppm

750 ppm STEL

7 - 13%

Methoxyisopropyl

107-58-2

No Data

100 ppm

150 ppm STEL

7 - 13%

2-Butoxyethyl (Cellulose Signation)

111-76-2

50 ppm

20 ppm

700 ppm IDLH

5 - 10%

Amyl acetate

628-96-7

100 ppm

50 ppm

100 ppm STEL

3 - 7%

Dimethyl Sebacate

106-65-0

No Data

No Data

No Data

3 - 7%

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION 3: Hazards Identification

Routes of Exposure

Eyes?

Inhalation?

Skin?

Ingestion?

Yes

Yes

Yes

Yes

Acute Hazards - Irritant. Causes eye and skin irritation. Liquid may be harmful or fatal if swallowed (aspiration hazard). May be harmful if absorbed through skin. May be harmful if inhaled. Overexposure to vapors may induce central nervous system effects. Follow good chemical hygiene practices to avoid these hazards.

Chronic Hazards - Repeated or prolonged exposure can cause dermatitis, severe skin irritation, or Painter's Syndrome.

Carcinogenicity

Chemical

OSHA:

NTP:

IARC:

Signs and Symptoms of Exposure - Redness, tearing of eyes. Redness, burning, drying or cracking of skin. Swallowing, overexposure to vapors may cause dizziness, nausea, headaches, fatigue, loss of coordination. Inhalation of excessive amounts of vapors may irritate throat, lungs and upper respiratory tract. Follow good chemical hygiene practices to avoid these hazards.

Medical Conditions Aggravated by Exposure - Existing skin, lung, kidney, liver, and blood conditions could be aggravated by overexposure.

SECTION 4: First Aid Measures

Eyes - Flush eyes with water for at least 15 minutes after exposure. Seek medical attention to insure complete removal. See a physician immediately.

Ingestion - Do not induce vomiting unless directed to do so by a physician. If a person becomes unconscious, do not give anything by mouth to an unconscious person.

Inhalation - If breathing is difficult, the person should administer artificial respiration. If breathing is difficult, give oxygen.

Skin - Flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing and shoes before reuse. If irritation arises and persists get medical attention.

SECTION 5: Fire Fighting Measures

Flash Point, Concentrate (Method Used)

64°F (PMCC)

Flammable Limits

No Data

LEL

No Data

UEL

No Data

Extinguishing Media - Use carbon dioxide, dry chemical, foam, or water fog. Large spills may cause a floating fire to form as if an oil fire.

Special Fire Fighting Procedures - Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.

Hazardous Products of Combustion - Carbon dioxide, carbon monoxide, smoke and soot and various organic oxidation by-products.

Unusual Fire and Explosion Hazards - Flammable liquid on a polypropylene towel.

SECTION 6: Accidental Release Measures

Small Spill - Wipe up small releases with a dry absorbent cloth or other absorbent material.

Large Spill - Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal.

SECTION 7: Handling and Storage

Handling - Do not get into eyes, on skin, or clothing. When thoroughly after handling. Do not swallow. Do not smoke while using. Avoid inhaling vapors. Do not deliberately concentrate and inhale vapors. Follow label directions carefully.

Storage - Store in a cool, dry area. Keep away from heat sources. Keep out of reach of children. Keep container tightly sealed when not in use. Do not contaminate water, food or feed by use or storage.

SECTION 8: Exposure Controls/Personal Protection

Eye Protection - Use eye protection. Use safety glasses (ANSI Z87).

Skin Protection - Use gloves, coveralls.

Respiratory Protection - Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Engineering Controls - Ventilation should be provided in the event of overexposure.

SECTION 9: Physical and Chemical Properties

Appearance and Odor

Clear colorless liquid with an Amyl Acetate scent saturated on a towel.

pH

3

Specific Gravity

0.86

Boiling Point

108°F

Melting Point

-78°F

Evaporation Rate

Fast

Vapor Pressure

70"

Vapor Density

1.0

Solubility

Water

Volatility

High

Volatility

High

Volatility

High

Volatility

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Irritation: LC50: 700 ppm / 71% rat

SECTION 12: Ecological Information

2-Butoxyethanol: Fathead minnow LC50: 1900 mg/L
Daphnia magna EC50: 2500 mg/L
Selenium capricornutum EC50: >1000 mg/L

SECTION 13: Disposal Consideration

Disposal Method - Dispose of in accordance with all applicable local, state, and federal regulations.

RCRA Waste Information - If this product becomes a waste, it would be a hazardous waste (D001) as defined by RCRA (40 CFR 261). However the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

SECTION 14: Transport Information

DOT Information - 49 CFR 172.101

Proper Shipping Name: 2-Butoxyethanol

Hazard Class: 6 - Miscellaneous

Label: 6.1 - Miscellaneous

Packing Group: II

Water Transportation

Proper Shipping Name: 2-Butoxyethanol

Hazard Class: 3

Identification Number: UN 1263

Packing Group: II

Air Transportation

Proper Shipping Name: 2-Butoxyethanol

Hazard Class: 3

Identification Number: UN 1263

Packing Group: II

SECTION 15: Regulatory Information

USF

Flammable

Flammable (TSCA Section 302) Solvent

Flammable (TSCA Section 302) Solvent or are not required to be listed on the TSCA inventory.

Control: 100% (TSCA Section 302) Solvent

Control: 100% (TSCA Section 302) Solvent

State

Control: 100% (TSCA Section 302) Solvent

Section 16: Other

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.
