

MATERIAL SAFETY DATA SHEET

Mule Hide Products Co., Inc.
P.O. Box 1057
Beloit, WI 53511
800-786-1492

Date Prepared: 6/15/2005
Date Printed: 4/11/2006

MSDS SHEET SA-WBVP

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Mule-Hide Water Base Vertical Primer
Chemical Name Propylene Glycol

Manufacturer Address Mule-Hide Products Co., Inc.
P.O. Box 1057
Beloit, WI 53511

Phone 608-356-3111
Internet www.mulehide.com
Emergency Phone 800-424-9300 Chemtrec
MSDS Number SA-WBVP
Effective Date November 1, 2002
NFPA Rating Health 1, Reactivity 0, Flammability 0
0-least, 1-slight, 2-moderate, 3-high, 4-extreme
These ratings should be used only as part of full-implemented H.M.I.S. Program

SECTION 2 - PRODUCT INGREDIENTS

Ingredient Name	Common Name	CAS Number	Exposure Limit (OSHA)	Exposure Limit (ACGIH)
Propylene Glycol	Water Base Vertical Primer	57-55-6	313 mm Hg @ 20°C	313 mm Hg @ 20°C

All ingredients in this product are listed on the US TSCA Inventory.
Detail Inventory List Description: DSL/Canadian Substance List

SECTION 3 - PHYSICAL/CHEMICAL DATA

Properties	Unit	Data
Boiling point	°F	212°F (100°C)
Evaporation Rate	Lb/gal	Slower than diethyl ether
VOC	Lb/gal	0.12 Lb/gal less water & NPRS* 14 g/l less water
Weight	Lb/gal	8.3
VOC	Lb/gal	0.12 Lb/gal solids & 14 g/l solids
Specific gravity	g/cc	1.0
Vapor Density	Air=1	Heavier than air
Volatility	%	50

All physical data determined at 68°F. (20°C.) 760 mm Hg.

*Negligibly Photo Chemically Reactive Materials.

SKIN: Skin absorption must be considered as a route of exposure.

C CEILING: Allowable exposure level should not be exceeded for any time period.

MFR: Manufacturer recommended exposure limit

STEL: Short term exposure limit.

X-SARA 313: Chemical is subject to reporting requirements of Section 313 of Title III of S.A.R.A. 40 CFR Part 372

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SECTION 4 - FIRE AND EXPLOSION DATA

NFPA Flammability Classification

N/A

Flashpoint

N/A

Recommended Extinguishing Media

Will not burn.

Unusual Fire or Explosion Hazards

None known.

Special Fire Fighting Procedures

None known.

SECTION 5 - HAZARD IDENTIFICATION

Effects of Short Term Overexposure

Ingestion

May cause severe gastrointestinal irritation.

Inhalation

May cause respiratory irritation.

Eye

May cause eye irritation.

Skin

May cause transient skin irritation.

Effects of Repeated Overexposure

None currently known.

Significant Laboratory Data with Possible Relevance to Human Health

None currently known.

SECTION 6 - FIRST AID PROCEDURE

Ingestion

If swallowed immediately give 1 or 2 glasses of water and call a Poison Control Center, Hospital Emergency Room or Physician for way to induce vomiting. (Never give anything by mouth to an unconscious person).

Inhalation

Remove to fresh air. Get medical attention.

Eye

Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention.

Skin

Remove contaminated clothing. Wash affected area with soap and water. Obtain medical attention if irritation persists.

Note to Physician:

Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.

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SECTION 7 - STABILITY/REACTIVITY DATA

Stability

Normally stable.

Conditions to Avoid

None known.

Incompatibility (Materials to Avoid)

None known.

Hazardous Decomposition Products

Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and carbon dioxide.

Hazardous Polymerization

Will not occur.

Conditions to Avoid

None known.

SECTION 8 - HANDLING, USE AND DISPOSAL

Procedures for Spills/Leaks

Confine in small area; use absorbent to clean up. Place in container for disposal.

Environmental Hazards

None known.

Precautions to be taken in Handling and Storage

Protect from freezing.

Other Precautions

Do not take internally. Close container after each use. Keep away from children.

Waste Disposal Method

Standard refuse disposal. Wastes are classified as non-hazardous by U. S. Environmental Protection Agency (EPA) and as per definition by Resource Conservation and Recovery Act (RCRA). Follow all local, state, and federal regulations governing waste disposal.

Use protective equipment as described in Section 9. Keep away from heat or flame and protect from the elements.

SECTION 9 - EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection

Proper selection of respiratory protection depends upon many factors including duration and level of exposure and conditions of use. In general exposure to organic chemicals such as those contained in this product may not require the use of respiratory protection if used in well-ventilated areas. In areas of restricted ventilation a NIOSH approved organic vapor respirator may be required. Under certain conditions, such as spraying, a mechanical prefilter may also be required. In confined areas or in high exposure situations a NIOSH/MSHA approved air supplied respirator may be required. If the TLVs or PELs listed in Section II are exceeded use a properly fitted NIOSH/MSHA approved respirator with an appropriate protection factor. Refer to OSHA 29 CFR 1910.134 "Respiratory Protection", and "Respiratory Protection a Manual and Guideline, American Industrial Hygiene Association".

Ventilation

Natural ventilation should be adequate under normal conditions.

Hand Protection

Not likely to be needed.

Eye Protection

Wear safety spectacles with side shields. Wear face shield as necessary when spraying.

Other Protective Equipment

Not likely to be needed.

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SECTION 10 - TRANSPORTATION

Desc/Size: W/B Bonding Adhesive

Mode:	Proper Shipping Name	Class I.D. # Pkg Grp
IATA (Air)	Non-Regulated Material	N/A
DOT (HM-181) (Domestic Surface)	Adhesives, Not Regulated	N/A
IMDG Code (Ocean)	Non-Regulated Material	N/A
Hazard Class 125	Not applicable	N/A

NOTE: The assignment of Proper Shipping Names is in part a function of the size of the product container and the transport mode. For example, the Proper Shipping Name for a bulk container can differ significantly from the Proper Shipping Name for the same product packaged in a non-bulk container. This can also be true for products shipped via different modes of transportation (i.e. ground, air, ocean). The descriptions provided above are intended to provide some guidance. However, these descriptions may not apply to your package size or mode of shipment. The U.S. Code of Federal Regulations, 49 CFR – Transportation, regulations, and the policies established by some transporters, require that the shipper properly classify and assign a Proper Shipping Name, and label, mark and package the material properly. Therefore, the user of this information is cautioned to consult with applicable regulations, and with qualified advisors prior to the repackaging and or reshipment of this or any other product, which contain this product.

SECTION 11 - MISCELLANEOUS INFORMATION

Additional Information

Contact Mule-Hide at 608-365-3111.

MSDS Revision Summary

Revision Date	February 8, 2005
Reason for Change	New format

Disclaimer

The information contained herein is based on data considered to be accurate. While the information is believed to be reliable, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Since the use of this information and the conditions and use of this product are controlled by the user, it is the user's obligation to determine the conditions of safe use of the product.

The Corporate Safety and Environmental Affairs Department is responsible for the preparation of this Material Safety Data Sheet.
Sovereign Comm. Grp UIMMKCXT
Buffalo, NY 14203

This is the end of MSDS