



MH #121 Asphalt Primer

SECTION 1

Manufacturer	Mule-Hide Products Co., Inc.	Identity	MH #121 Asphalt Primer
Address	1195 Prince Hall Drive Beloit, Wisconsin, 53511	MSDS Number	A121
Phone Number (For Information)	800-786-1492	Date Prepared	04/01/08
Emergency Contact	CHEMTREC (USA) 800-424-9300	Prepared By	R & D

SECTION II Hazardous Ingredients / Identity Information

COMPONENTS – CHEMICAL NAME & COMMON NAMES (HAZARDOUS COMPONENTS 1% OR GREATER; CARCINOGENS 0.1% OR GREATER)	% by weight	OSHA PEL	ACGIH	OTHER LIMITS RECOMMENDED
Petroleum Distillate 8052-41-3	35-60	500 ppm	100ppm	N/A
Asphalt 8052-42-4	30-60	N/A	0.5mg/m3	N/A

SECTION III Physical/Chemical Characteristics

Boiling Point	310-400°F	Weight per gallon	7.8-8.3 lbs
Vapor Pressure (mm Hg.)	2 @ 68°F	Melting Point	N/A Liquid
Vapor Density (Air=1)	Heavier	Evaporation Rate (Butyl Acetate=1)	Slower
Solubility in Water	None		
Appearance and Odor	Black Fluid, Odor Characteristic of Petroleum Solvent		

SECTION IV Fire and Explosion Hazard Data

Flash Point (Method Used): SETA 105°F	Air % by Volume: N/A
Auto-Ignition: N/A	LEL: 0.9%
Temperature: N/A	UEL: 6.0%
EXTINGUISHING MEDIA	
Foam, CO2, Chemical, Water Fog, Spray	
UNUSUAL FIRE AND EXPLOSION HAZARDS	
Do not mix or store with strong oxidants like liquid chlorine or oxygen. Keep containers tightly closed. Closed containers may explode with exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Vapor is heavier than air.	

SECTION V Reactivity Data

STABILITY: Stable

Incompatibility (Materials to Avoid): Strong Oxidants

Hazardous Decomposition Products: Fumes, Smoke, and CO₂, Carbon Monoxide if combustion is incomplete.

HAZARDOUS POLYMERIZATION: Will Not Occur

SECTION VI Health Hazard Data

PRIMARY ROUTES OF ENTRY:

CARCINOGEN LISTED IN:

X Inhalation X Skin Absorption X Eyes X Ingestion Not Hax ___ NTP ___ IARC Monograph ___ OSHA ___ Not Listed

HEALTH HAZARDS

Acute and Chronic and Signs and Symptoms of Exposure: Over exposure to vapors causes eye irritation, blurred vision, dizziness, headaches, even unconsciousness. Prolonged or repeated skin contact can cause moderate irritation, defatting, dermatitis. Swallowing can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

EYE CONTACT

Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention.

SKIN CONTACT

Remove contaminated clothes and wash with waterless handcleaner or soap and water.

INHALATION

Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

INGESTION

Do not induce vomiting.

SECTION VII Precautions for Safe Handling and Use

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED

Remove sources of ignition. Keep people away. Recover free liquid. Add absorbent (sand, earth, sawdust, etc.) to spill area. Avoid breathing vapors. Ventilate confined spaces. Open all windows and doors. Keep products out of sewers and watercourses by diking or impounding, else advise authorities.

WASTE DISPOSAL METHODS

Assure conformity with applicable disposal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants. Adequate ventilation required.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS:

Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and launder before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

SECTION VIII Control Measures

RESPIRATORY PROTECTION (SPECIFY TYPE): Use hydrocarbon vapor canister or supplied-air respiratory protection in confined or enclosed spaces if needed.

PROTECTIVE GLOVES: Use chemical resistant gloves if needed to avoid repeated or prolonged skin contact

EYE PROTECTION: Use splash goggles or face shield when eye contact may occur.

VENTILATION TO BE USED: Local Exhaust: Face velocity 60fpm. Use only with adequate ventilation.

OTHER PROTECTIVE CLOTHING AND EQUIPMENT: Use chemical resistant apron or other clothing to avoid repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES: Practice good work hygiene.

SECTION IX Transportation Data

For ground and water domestic transport:

If shipped containers less than 119 gallons or 889lbs - Not USDOT regulated

If shipped containers greater than 119 gallons or 889lbs:

With US - NA 1993, Combustible liquid, n.o.s.,(petroleum distillates), Combustible Liquid, III; Canada - UN 1999, Tars liquid, 3, III; Elevated temperature liquid, flammable, n.o.s., (Petroleum distillates), 3, UN3256, III

SECTION X - Other Information

Prepared By: R & D

Issue Date: 04/01/08

Supercedes MSDS Dated: 01/10/2006

Revision Notes: This revision is due to change in formulation.

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