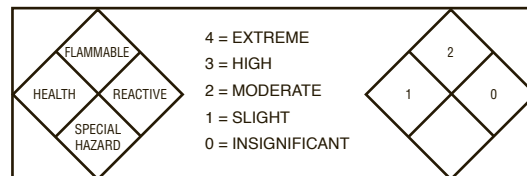


**Material Safety  
Data Sheet**



**MH #406 Standard Fibrated Aluminum Roof Coating**

**SECTION 1**

<b>Manufacturer Information</b>		<b>Supplier Information</b>	
<b>Company Name</b>	Polyglass USA	<b>Company Name</b>	Mule-Hide Products Co., Inc.
<b>Address</b>	150 Lyon drive Fernley, NV 89408	<b>Address</b>	1195 Prince Hall Drive Beloit, Wisconsin, 53511
<b>Phone Number</b>	800-222-9782	<b>Phone Number</b>	800-786-1492
<b>Emergency Contact</b>	CHEMTREC (USA)		
<b>Phone Number</b>	800-424-9300		

**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	15-50	N/A	0.5mg/m3	N/A
Aromatic Petroleum Distillates 64742-95-6	1-5	500 PPM	N/A	N/A
Aluminum 7429-90-5	Trade Secret	15mg/m3 (total dust)	10mg/m3	N/A

**SECTION III Physical/Chemical Characteristics**

<b>Boiling Point</b>	310-400°F	<b>Weight per gallon</b>	7.8-8.3 lbs
<b>Vapor Pressure (mm Hg.)</b>	2 @ 68°F	<b>Melting Point</b>	N/A Liquid
<b>Vapor Density (Air=1)</b>	Heavier	<b>Evaporation Rate (Butyl Acetate=1)</b>	Slower
<b>Solubility in Water</b>	None		
<b>Appearance and Odor</b>	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%
<b>EXTINGUISHING MEDIA</b>	
Foam, CO2, Chemical, Water Fog, Spray	
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>	
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.	

**SECTION V Reactivity Data**

**STABILITY:** Stable

**Incompatibility (Materials to Avoid):** Strong Oxidants

**Hazardous Decomposition Products:** Fumes, Smoke, and CO<sub>2</sub>, 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 889 lbs - Not USDOT regulated

If shipped containers greater than 119 gallons or 889 lbs:

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: 06/25/08

Supercedes MSDS Dated:04/01/08

Revision Notes: This revision is due to change in Manufacturer/Supplier information.