

MATERIAL SAFETY DATA SHEET

UNIVERSAL HIGH SOLIDS PRIMER

Product Name: **PLA-STICK**
Product Code: **PS-1**

HMIS CODES: HFRP
131H

Section I - Manufacturer Identification

Manufactured for : Alsa Corporation
2640 E. 37th Street
Vernon, CA 90058

Emergency Phone : (800) 535-5053 / (352)323-3500
Information Phone : (323) 581-5200

Date Prepared: December 2, 2004

Section II - Hazardous Ingredients / SARA III Information

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
*Toluene OSHA PEL: 100 PPM ACGIH TLV: 150 PPM OTHER: 100 PPM	108-88-3	22 68	50% - 75%
*Xylol OSHA PEL: 100 PPM ACGIH TLV: 100 PPM	1330-20-7	21 100	15% - 30%

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

Section III - Physical / Chemical Characteristics

Boiling Range: 231°F - 281°F
Vapor Density: Heavier than Air
Coating V.O.C: 6.97 lb/gal.
Solubility in Water: Very Slight
Appearance and Odor: Light Amber. Solvent odor.

Specific Gravity (H²O=1): 0.89
Evaporation Rate: Slower than Ether
Material V.O.C.: 6.97 lb/gal.

Section IV - Fire and Explosion Hazard Data

Flash Point: 45°F
Flammable limits in air by volume- Lower: 1
Extinguishing Media: Foam, CO₂, Dry Chemical, Water Fog

Method used: TTC
Upper: 7

MATERIAL SAFETY DATA SHEET

Product Name: **PLA-STICK**

Section IV - Fire and Explosion Hazard Data (Continued)

SPECIAL FIREFIGHTING PROCEDURES

Wear appropriate equipment including respiratory protection as conditions warrant.

UNUSUAL FIRE AND EXPLOSION HAZARDS

This material is flammable and may be ignited by heat, sparks, flame or other sources of ignition. Vapors are heavier than air and may accumulate in low area. If container is not properly cooled, it may explode in the heat of a fire.

Section V - Reactivity data

Stability: Stable

CONDITIONS TO AVOID

Avoid all possible sources of ignition.

INCOMPATIBILITY (Materials to avoid)

Strong acids or bases, oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Carbon monoxide or carbon dioxide. Do not breathe smoke or fumes.

Hazardous Polymerization: Will not occur

Section VI - Health Hazard Data

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

While this material has a low degree of toxicity, breathing high concentrations of vapors or mists may cause irritation of the nose and throat and signs of nervous system depression.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Direct contact with the liquid or exposure to vapors or mists may cause stinging, tearing, redness and swelling. Pro- Longed or repeated contact may cause redness, burning and drying and cracking of the skin.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Contact may result in skin absorption but symptoms of toxicity are not anticipated by the route alone under normal condition of use.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

If swallowed, seek emergency medical attention. If victim is drowsy or unconscious, place on the left side with the head down and do not give anything by mouth.

MATERIAL SAFETY DATA SHEET

Product Name: **PLA-STICK**

Section VI - Health Hazard Data (Continued)

HEALTH HAZARDS (acute and chronic)

Inhalation, dizziness, breathing difficulty, headaches, loss of coordination.

Eye contact-severe irritation, tearing, redness and blurred vision. Skin contact-can dry and defat skin causing cracks, irritation and dermatitis.

Ingestion can cause gastrointestinal irritation, vomiting, nausea & diarrhea.

No chronic health effects.

Carcinogenicity: NTP Carcinogen: No IARC Monographs: Yes OSHA Regulated: Yes

This material has not been identified as a carcinogen by NTP, IARC or OSHA.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Headache, Drowsiness, Dizziness, Loss of Coordination and Fatigue.

EMERGENCY AND FIRST AID PROCEDURES

Eye contact: If irritation or redness develops, flush eyes with clean water and seek medical attention.

Skin contact: Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops & persists seek medical attention.

Inhalation (breathing): If respiratory symptoms or other symptoms of exposure develop, move victim away from the source of exposure and into fresh air.

Ingestion (swallowing): If swallowed, seek Emergency Medical attention.

Section VII - Precautions for safe handling and use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flammable, Keep all sources of ignition and hot metal surfaces away from spill/release. Isolate hazard area and limit entry to emergency crew. Notify appropriate authorities.

WASTE DISPOSAL METHOD

Spilled material may be absorbed into an appropriate absorbent material and disposed of as per local, state and federal laws.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep container(s) tightly closed. Use and store this material in cool, dry, well ventilated areas away from heat, direct sunlight, hot metal surfaces and all sources of ignition. Post area "NO SMOKING OR OPEN FLAMES".

MATERIAL SAFETY DATA SHEET

Product Name: **PLA-STICK**

Section VII - Precautions for safe handling and use (continued)

OTHER PRECAUTIONS

Bond and ground all equipment when transferring from one vessel to another.

Store only in approved containers. Keep away from incompatible materials.

Protect containers against physical damage. The use of explosions proof equipment is recommended and may be required (see appropriate fire codes).

Indoor storage should meet OSHA standards and appropriate fire codes. Do not wear contaminated clothing or shoes. Use good personal hygiene practice.

Section VIII - Control Measures

RESPIRATORY PROTECTION

The use of respiratory protection is advised when concentrations exceed the established exposure limits (see section 1). Depending on the air borne concentration, use a respirator or gas mask with appropriate cartridges and canisters (NIOSH approved, if available) or supplied air equipment.

VENTILATION

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limit, additional ventilation or exhaust systems may be required.

PROTECTIVE GLOVES

The use of gloves impermeable to the specific material handled is advised to prevent skin contact.

EYE PROTECTION

Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

It is suggested that a source of clean water be available in work area for flushing eyes and skin. Impervious clothing should be worn as needed

WORK/ HYGIENIC PRACTICES

Keep work area clean.

Section IX - Disclaimer

The information contained herein relates only to the specific material identified. We believe that such information is accurate and reliable as of the date of this M.S.D.S sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information.