



SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: Epoxy Primer (Part B) - Two Part Water-Based Primer

Recommended Use: Epoxy Primer

Restriction on Use: None

Manufacturer:

KM Coatings Mfg.
5301 W. Mohave Street
Phoenix, AZ 85043
(602)-253-1168

SDS Date of Preparation: 11/21/17

Emergency Contact: (800) 424-9300 CHEMTREC (USA)

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification:

Physical	Health
Flammable Liquid Category 4	Skin Irritation Category 2 Eye Damage Category 1 Skin Sensitization Category 1

Label Elements:

Danger!



Combustible liquid.
Causes skin irritation.
Causes serious eye damage.
May cause an allergic skin reaction

Keep away from flames and hot surfaces. No smoking
Avoid breathing mist, vapors or spray.
Wash thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves, eye protection and face protection.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
In case of fire: Use water spray or mist, carbon dioxide, dry chemical and foam to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents and container in accordance with local and national regulations.

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENTS</u>	<u>CAS#</u>	<u>WT.%</u>
Polyamide Resin	68410-23-1	5-25%
Aromatic Petroleum Distillates	64742-95-6	3-8%

The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES

Eyes: Immediately flush with large quantities of water for 15 minutes, holding the eyelids apart. Get immediate medical attention.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation or rash develops, get medical attention. Launder clothing before re-use.

Inhalation: If symptoms develop, move to fresh air. If irritation persists or breathing is difficult, get medical attention.

Ingestion: If conscious, rinse mouth with water. Never give anything by mouth to a person who is unconscious or convulsing. If large amount is swallowed or gastrointestinal effects develop, get medical attention.

Most important symptoms/effects, acute and delayed: Causes severe eye irritation with possible eye damage. Causes skin irritation. May cause allergic skin reaction.

Indication of immediate medical attention and special treatment, if necessary: If eye contact occurs, get immediate medical attention.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Use water spray or mist, carbon dioxide, dry chemical or foam to extinguish fire. Do not use a water jet. Cool fire exposed containers with water.

Special Protective Equipment and Precautions for Fire-fighters: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus.

Specific Hazards Arising from the Chemical: Combustion may produce carbon and nitrogen oxides and hydrocarbons.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Wear appropriate protective clothing to avoid eye and skin contact.

Environmental precautions: Avoid release to the environment. Report releases as required by local, state and federal authorities.

Methods and Materials for Containment and Cleaning Up: Dike the spilled material. Attempt to reclaim the free product, if this is possible. Collect with an inert material and place into a closable container for disposal. Wash spill area with soap and water.



SECTION 7 HANDLING and STORAGE

Precautions for Safe Handling: Prevent contact with eyes. Avoid contact with skin and clothing. Avoid breathing vapors or mists. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

Empty containers retain product residues can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including any Incompatibilities: Store in a tightly closed container. Avoid freezing to protect product quality. Store at ambient temperatures or between 32-98°F. Keep in original container.

SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

Exposure Guidelines:

INGREDIENTS	EXPOSURE LIMITS
Polyamide Resin	None Established
Aromatic Petroleum Distillates (as Stoddard solvent)	500 ppm TWA OSHA PEL 100 ppm TWA ACGIH TLV

Appropriate Engineering Controls: Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits. Use explosion proof equipment where required.

Respiratory Protection: None normally required. If the exposures exceed the exposure limits or if the product is heated or sprayed, a NIOSH approved respirator with an organic vapor cartridge and a dust/mist prefilter or supplied air respirator is recommended. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Gloves: Neoprene, nitrile or other impervious gloves are recommended to prevent skin contact.

Eye Protection: Chemical safety goggles required if contact is possible.

Other Protective Equipment: Impervious clothing as needed to prevent contact. An eye wash and safety shower should be available in the immediate work area.

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

Appearance And Odor: Dark gray liquid with an aromatic odor.

Boiling Point (@ 760 mmHg): Not available	Freezing Point: Not available
Odor Threshold: Not available	Viscosity: Not available
Relative density (H2O=1): 1.405	Vapor Pressure: Not available
VOC: 110 g/L	Vapor Density (AIR=1): Not available
Evaporation Rate: Not available	Solubility In Water: Moderately
pH: Not available	Partition Coefficient n-Octanol/Water: Not determined
Flash Point: 144°F / 62°C	Autoignition Temperature: Not available
Decomposition Temperature: Not available	Flammability (solid, gas): Not applicable
Flammable Limits: (vol % in air)	LEL – N/A UEL – N/A

SECTION 10 STABILITY and REACTIVITY

Reactivity: Not normally reactive.



Chemical Stability: Stable under normal storage and handling conditions

Possibility of Hazardous Reactions: None known

Conditions to avoid: None known.

Incompatible materials: Avoid strong oxidizing agents and acids.

Hazardous decomposition products: Thermal decomposition may yield oxides of carbon and nitrogen and hydrocarbons.

SECTION 11 TOXICOLOGICAL INFORMATION

Eye: Contact may cause severe irritation with redness, pain and tearing. Permanent damage may occur. .

Skin: May cause skin irritation with redness, itching and pain. May cause allergic skin reaction (sensitization).

Inhalation Excessive inhalation of vapors or mists may cause mucous membrane and upper respiratory tract irritation.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea and diarrhea.

Sensitization: Polyamide resin was positive in mouse local lymph node assay.

Chronic Effects: None known.

Carcinogenicity: None of the components present at 0.1% or greater are listed as a carcinogen by NTP, IARC, ACGIH or OSHA.

Numerical Measures of Toxicity:

Polyamide Resin: Oral rat LD50 > 2000 mg/kg; Dermal rat LD50 > 2000 mg/kg

Aromatic Petroleum Distillates: Oral rat LD50 > 5000 mg/kg; Inhalation rat LC50 > 7630 mg/m³ /4 hr; Dermal rabbit LD50 > 2000

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Polyamide Resin: 96 hr LC50 Danio rerio 7.07 mg/L (structurally similar chemical); 48 hr EC50 daphnia magna 5.18 mg/L (structurally similar chemical); 72 hr EC50 Pseudokirchnerella subcapitata 4.11 mg/L

Aromatic Petroleum Distillates: 96 hr LC50 Pimephales promelas 8.2 mg/L; 48 hr EC50 daphnia magna 4.5 mg/L; 72 hr EC50 Pseudokirchnerella subcapitata 3.1 mg/L

Persistence and degradability: Aromatic petroleum distillate is readily biodegradable. Polyamide resin is inherently biodegradable.

Bioaccumulative potential: Polyamide resin has a BCF of 2.69.

Mobility in soil: No data available

Other adverse effects: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT/TDG (Non-Bulk): Not regulated (if shipped in NON BULK package, (119 gallon or less) by ground)

DOT: **If shipped in containers greater than 119 gallons**

UN/ID Number	UN1268
Proper Shipping Name	Petroleum Distillates, n.o.s
Hazard Class	3
Packing Group	III
ERG Code	128
DOT Special Provisions	144, B1, IB3, T4, TP1
Description	UN1268, Petroleum Distillates, n.o.s. 3, III



TDG:

UN/ID Number	None
Proper Shipping Name	Not Regulated
Hazard Class	None
Packing Group	None
ERG Code	N/A
TDG Special Provisions	None known
Description	None

IATA*:

UN/ID Number	UN3082
Proper Shipping Name*	Environmentally Hazardous Substance, liquid n.o.s (polymide resin, aromatic petroleum distillate)
Hazard Class	9
Packing Group	III
ERG Code	171
Special Provisions	A97, A158, A197
Description	UN3082, Environmentally Hazardous Substance, liquid n.o.s (polymide resin, aromatic petroleum distillate)), 9, III

IMDG*:

UN/ID Number	UN3082
Proper Shipping Name	Environmentally Hazardous Substance, liquid n.o.s (s (polymide resin, aromatic petroleum distillate)
Hazard Class	9
Packing Group	III
EmS-No	F-A, S-F
Special Provisions	274, 335, 969
Description	UN3082, Environmentally Hazardous Substance, liquid n.o.s (polymide resin, aromatic petroleum distillate), 9, III, Marine Pollutant

* This product is classified as a Marine Pollutant (Environmentally Hazardous Substance) in accordance with the IMDG Code and the UN Model Regulations. However, if it is packaged in either single packages or inner packagings in combination packages containing net quantities of less than 5 kg/5 L, the Marine Pollutant does not apply (IMDG Code 2.10.2.7).

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known

SECTION 15: REGULATORY INFORMATION

SARA Hazard Category (311/312): Refer to Section 2 for OSHA Hazard Classification.

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act: All of the components of this product are listed on the TSCA inventory.

California Proposition 65: This product may contain trace amount of a contain chemicals known to the State of California to cause cancer or reproductive toxicity: Benzene 71-43-2 (cancer, developmental, male reproductive toxicity)



SECTION 16: OTHER INFORMATION

NFPA Rating:	Health = 3	Fire = 2	Instability = 0
HMIS Rating:	Health = 3	Fire = 2	Physical Hazard = 0

SDS Date of Preparation: 11/21/17

Revision Summary: Header, Section 14 Transportation, Section 15 SARA 311/312, Section 16 NFPA, HMIS

The information contained herein is based upon the data available to us and is believed to be accurate. However, KM Coatings Mfg. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. KM Coatings Mfg. assumes no responsibility for injury from the use of the products described herein.

This MSDS conforms to the OSHA Hazard Communication Standard 1900.1210 and to SARA Title III, Section 313 for supplier notification.