

Material Safety Data Sheet

Product: KM Primeseal I

Manufacturer's Name: KM Coatings Mfg., Inc.
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Section I – Product Identity

Date Prepared: March 1998	Emergency Telephone Number: (800)-982-6899
Prepared By: KM Coatings Mfg., Inc.	HMIS Information: Health 2
Chemical Name: Epoxy Primer/Sealer	Flammability 1
Chemical Formula: Proprietary Mixture	Reactivity 0
DOT Shipping Class: NOI	Information Telephone Number : (602)-253-1168

Section II – Hazardous Ingredients

Chemical and Common Name	CAS#	Wt%	OSHA PEL	ACGIH TLV	Other
Epoxy Ester (with 30% 2-butoxyethanol, CAS# 111-76-2)	Mixture	20-25%	25 ppm	25 ppm	
n-butyl alcohol (1-butanol)	71-36-3	1-3 %	50 ppm		
Aqua Ammonia, ammonium hydroxide	1336-21-6	1-2 %	50 ppm	25 ppm	

Section III – Physical Characteristics

Boiling Range: 81 - 336°F	Specific Gravity: 1.01
Vapor Density: Heavier than air	Evaporation Rate: Slower than ether
Solubility in Water: Soluble	Weight per Gallon: 9.67
Coating VOC: 2.83 lb/gal	Coating VOC: 339 g/l
Material VOC: 0.63 lb/gal	Material VOC: 76 g/l
Appearance and Odor: Black liquid with ammonia odor, may be tinted to other colors, even clear.	

Section IV – Fire and Explosion Data

Flash Point: >205 °F	Unusual Fire and Explosion Hazards: None
Extinguishing Media:	Foam, Carbon Dioxide, Dry Chemical, Water Fog
Special Firefighting Procedures:	Wear self-contained breathing apparatus and full protective gear. Use water spray to cool fire exposed containers to prevent pressure build-up and possible container rupture.
Reactivity:	Product is Stable
Hazardous Polymerization:	Will not occur
Conditions To Avoid:	Temperatures greater than 350 °F.
Hazardous Decomposition Products:	May form carbon monoxide, carbon dioxide acrylic monomer and unidentified organics in smoke. May splatter above 212 °F.

Section V – Health Hazard Data

Routes of Entry: Eye Contact, Inhalation, Ingestion, Skin Contact

Acute Health Effects

Eye Contact: May cause irritation, redness and tearing
Inhalation: Vapor odors may cause irritation in the upper and lower respiratory tracts, nausea, headaches and dizziness.
Ingestion: May cause nausea, vomiting, diarrhea and gastrointestinal irritation.
Skin Contact: Prolonged or repeated skin contact may cause irritation.

Emergency First Aid Procedures

Eye Contact: Flush with water for at least 15 minutes; if irritation persists, get medical attention.
Inhalation: Remove to fresh air and rest; apply artificial respiration to person who loses consciousness and call a doctor immediately.
Ingestion: Drink two glasses of water. Do not induce vomiting. Call a doctor.
Skin Contact: Wash with soap and water.

Chronic Health Effects

Not listed as a carcinogen by the NTP, IARC or OSHA; no long term adverse effects are known.

Section VI – Spill or Leak Procedures

Steps to be taken in case material is spilled or released:

Soak up with absorbent material. Eliminate all sources of ignition. Wear appropriate respirator and protective clothing.

Waste Disposal Method:

Dispose if in accordance with all applicable federal, state and local regulations.

Section VII – Special Protection Data

Respiratory Protection: None required with adequate ventilation
Ventilation: Local exhaust
Protective Gloves: Rubber or plastic chemical resistant
Eye Protection: Goggles or face shield

Other Protective Equipment: Plastic apron if contact is likely. Eyewash station should be available.

Section VIII – Storage and Handling

Precaution to be taken in handling and storage:

Keep away from source of ignition.

Store in original container; keep tightly closed. Rotate stock, using older materials first.

Do not reuse container for other purposes.

Do not store in freezing areas. Keep above 40 °F, but less than 100 °F.

Do not store in direct sunlight.

Other Precautions: **KEEP OUT OF REACH OF CHILDREN.**

The information contained herein is based upon the data available to us and is believed to be accurate. However, KM Coatings Mfg., Inc. 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., Inc. assumes no responsibility for injury from the use of the products described herein.

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