

SAFETY DATA SHEET

KM-1000 CLEAR

Page 1 – 9/25/2015

1. Product and Company Identification

Product Code: KM-1000 HARD
Product Name: KM-1000 PART B HARDENER
Company Name: Kelly Moore Paints
987 Commercial Street
San Carlos, CA 94070
Emergencies Involving Spills, Leaks
Fires, Exposures, or Accidents
Emergency Contact: CHEMTREC: (800) 424-9300

Phone Number:
(888) 677-2468

2. Hazards Identification

Skin Corrosion/Irritation, Category 2
Skin Sensitization, Category 1
Serious Eye Damage/Eye Irritation, Category 2A
Aquatic Toxicity (Chronic), Category 2
Acute Toxicity: Oral, Category 4
Acute Toxicity: Inhalation, Category 4



GHS Signal Word:
GHS Hazard Phrases:

Danger:
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects
H302 - Harmful if swallowed.

GHS Precaution Phrases:

P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P270 - Do not eat, drink or smoke when using this product.

GHS Response Phrases:

P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P332+313 - If skin irritation occurs, get medical advice/attention.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 - If eye irritation persists, get medical advice/attention.
P301+330+331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical aid.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention.
P370+378 - In case of fire, use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

GHS Storage and Disposal Phrases:

P501 - Contact a licensed professional waste disposal service to dispose of this material.
P403+235 – Store in cool/well-ventilated place. Store locked up.

Potential Health Effects (Acute and Chronic):

Inhalation:

Chronic inhalation may cause effects similar to those of acute inhalation.
May be harmful if inhaled.

Skin Contact:

Prolonged and/or repeated contact may cause irritation and/or dermatitis.

Eye Contact:

Causes eye irritation. Causes redness and pain.

Ingestion:

May be harmful if swallowed. May be harmful if inhaled.

KM-1000 CLEAR/PAGE 2

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
25068-38-6	Epoxy Resin	88.0 - 98.0 %
84852-15-3	Phenol, 4-nonyl-, branched	1.0 - 10.0 %

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
In Case of Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If skin irritation occurs, get medical advice/attention.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
In Case of Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Do NOT induce vomiting. Consult a physician.
Note to Physician:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. Treat symptomatically and supportively.

5. Fire Fighting Measures

Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or appropriate foam. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.
Fire Fighting Instructions:	Use water spray to cool unopened containers. Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Steps To Be Taken in Case Material is Released or Stored:	Personal Precautions. Use proper personal protective equipment. Spills/Leaks: Control runoff and isolate discharged material for proper disposal. Use water spray to cool and disperse vapors and protect personnel.
--	--

7. Handling and Storage

Precautions To Be Taken in Handling:	Avoid contact with skin and eyes. Normal measures for preventive fire protection.
Precautions To Be Taken in Storing:	Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure Control/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA
25068-38-6	Epoxy Resin	N/A	N/A
84852-15-3	Phenol, 4-nonyl-, branched	N/A	N/A

Respiratory Equipment (Specify Type):

For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

Eye Protection:

Safety glasses with side shield. For a higher degree of protection, wear chemical splash goggles.

Protective Gloves:

Wear appropriate protective gloves to prevent skin exposure, such as butyl rubber or nitrile rubber.

Other Protective Clothing:

Wear appropriate protective clothing to prevent skin exposure.

KM-1000 CLEAR/PAGE 3

Engineering Controls (Ventilation etc.):

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Work/Hygienic/Maintenance Practices:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Wash thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical and Chemical Properties

Physical States:	[] Gas	[X] Liquid	[] Solid
Flash Point:	>260° F		
Boiling Point:	>340° F		
Explosive Limits:	LEL: N/A	UEL: N/A	
Weight Per Gallon:	9.0 +/- .3		
Vapor Pressure (mm Hg):	N/A		
Vapor Density:	N/A		
Evaporation Rate:	N/A		
Percent Volatile:	0		

10. Stability and Reactivity

Stability:	Unstable []	Stable [X]
Conditions To Avoid – Instability:	Excess heat, sparks and open flame.	
Incompatibility - Materials To Avoid:	Strong oxidizing agents, acids, Bases.	
Hazardous Decomposition Or Byproducts:	Nature of decomposition products unknown.	
Possibility of Hazardous Reactions:	Will occur []	Will not occur [X]
Conditions To Avoid – Hazardous Reactions:	No data available	

11. Toxicological Information

Toxicological Information: Carcinogenicity/Other Information:

Carcinogenicity.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is carcinogen or potential carcinogen by OSHA.

12. Ecological Information

General Ecological Information: Persistence and Degradability: Bioaccumulative Potential: Mobility in Soil:

Toxic to aquatic life with long lasting effects.
No data available.
No data available.
No data available.

13. Disposal Considerations

Waste Disposal Method:

Dispose of as unused product. This material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

KM-1000 CLEAR/PAGE 4

14. Transport Information

**LANDS TRANSPORT (US DOT)
DOT Proper Shipping Name:**

Consumer commodity – ORM-D – Used for 1 gallon containers when shipped in the United States of America.
5 gal. pails – UN3082, PG III, Class 9 Environmentally hazardous substance, liquid, n.o.s. (epoxy resin)



**Marine Transport
IMDG Shipping:**

The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg (per container).
UN 3082, PG III, Class 9 Environmentally hazardous substance, liquid, n.o.s. (epoxy resin)



**AIR TRANSPORT (ICAO/IATA)
ICAO/IATA SHIPPING NAME:**

UN 3082, PG III, Class 9 Environmentally hazardous substance, liquid, n.o.s. (epoxy resin)



15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 302 (EHS)	S. 313 (TRI)
25068-38-6	Epoxy Resin	No	No	No
84852-15-3	Phenol, 4-nonyl-, branched	No	No	No

V.O.C.: 5 GMS/L

16. Other Information

Revision Date: 9/25/2015

Additional Information About This Product:

Hazardous Material Information System III (U.S.A)

Health: 3
Flammability: 1
Reactivity: 0
Personal Protection: *

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by Kelly Moore and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.

