

SAFETY DATA SHEET

KM-1000 PART B HARDENER

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1. Product and Company Identification

Product Code: KM-1000 HARDENER
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 1B
Skin Sensitization, Category 1
Serious Eye Damage/Eye Irritation, Category 1
Germ Cell Mutagenicity – Category 2
Acute Toxicity: Oral, Category 4
Aquatic Toxicity (Acute), Category 1
Aquatic Toxicity (Chronic), Category 1



GHS Signal Word

Danger

GHS Hazard Phrases:

H314 - Causes severe skin burns and eye damage.
H302 – Harmful if swallowed.

GHS Precaution Phrases:

H361 – Suspected of damaging fertility or the unborn child.
H411 – Toxic to aquatic life with long lasting effects.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P270 – Do not eat, drink or smoke when using this product.
P202 – Do not handle until all safety precautions have been read and understood.
P281 – Use personal protective equipment as required.
P273 – Avoid release to the environment.

GHS Response Phrases:

P312 - Call a POISON CENTER/doctor if you feel unwell.
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 - Wash contaminated clothing before reuse.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical 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 aid.

GHS Storage and

P403+235 - Store in cool/well-ventilated place.

Disposal Phrases:

Contact a licensed professional waste disposal service to dispose of this material.

Potential Health Effects:

Chronic inhalation may cause effects similar to those of acute inhalation.

Inhalation:

May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Skin Contact:

May be harmful if absorbed through the skin. Causes skin burns.

Eye Contact:

Causes eye burns.

Ingestion:

May be harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
Proprietary 25154-52-3	Epoxy Amine Resin Phenol, Nonyl-	50.0 - 60.0 % 40.0 - 50.0 %

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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. Get medical aid immediately. Wash clothing before reuse.

In Case of Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

In Case of Ingestion:

If swallowed, do NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

Note to Physician:

Treat symptomatically and supportively.

5. Fire Fighting Measures

Suitable Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Fire Fighting Instructions:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Use water spray to keep fire-exposed containers cool. Contact with metals may evolve flammable hydrogen gas. Containers may explode when heated. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products.

6. Accidental Release Measures

Steps To Be Taken In Case

Material Is Released Or Spilled:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.

7. Handling and Storage

Precautions To Be Taken in Handling:

Avoid contact with skin and eyes. Normal measures for preventive fire protection. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

Precautions To Be Taken in Storing:

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Suitable: Keep away from heat, sparks, and open flame.

8. Exposure Control/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA
Proprietary	Epoxy Amine Resin	N/E	N/E
25154-52-3	Phenol, Nonyl-	N/E	N/E

Respiratory Equipment (Specify Type):

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

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.

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. 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.

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9. Physical and Chemical Properties

Physical States:	<input type="checkbox"/> Gas	<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Solid
Flash Point:	>250 ° F		
Boiling Point:	>500° F		
Explosive Limits:	LEL: N/A	UEL: N/A	
Weight Per Gallon:	8.75 +/- .3		
Vapor Pressure (mm Hg):	N/A		
Vapor Density:	N/A		
Evaporation Rate:	N/A		
Percent Volatile:	0 (VOL)		

10. Stability and Reactivity

Stability:	Unstable [<input type="checkbox"/>]	Stable [<input checked="" type="checkbox"/>]
Conditions To Avoid – Instability:	Excess heat.	
Incompatibility – Materials To Avoid:	Strong oxidizing agents, Strong acids.	
Hazardous Decomposition Or Byproducts:	Nitrogen oxides, Carbon monoxide, Carbon dioxide.	
Possibility of Hazardous Reactions:	Will occur [<input type="checkbox"/>]	Will not occur [<input checked="" type="checkbox"/>]
Conditions To Avoid – Hazardous Reactions:	No data available	

11. Toxicological Information

Toxicological Information:	Epidemiology: No information found. Teratogenicity: Reproductive Effects: Mutagenicity: No Information Found Neurotoxicity. No information available.
Irritation or Corrosion:	Causes severe skin burns and eye damage.
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 identified as a carcinogen or potential carcinogen by OSHA.

12. Ecological Information

Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	Toxic to aquatic life with long lasting effects.

13. Disposal Considerations

Waste Disposal Method:	Dispose of as unused product. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.
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14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Consumer Commodity. ORM-D (for 1 gallon and quart cans)
UN3066, Paint Related Material, 8, PG III (sizes larger than 1 gallon)



IMDG Shipping:

Name: UN3066, Paint Related Material, 8, PG III
The marine pollutant mark is not required when transported in sizes of ≤ 5 L or ≤ 5 kg (per container)



AIR TRANSPORT (ICAO/IATA):

IATA Shipping Name: UN3066, Paint Related Material, 8, PG III



15. Regulatory Information

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

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
Proprietary	Epoxy Amine Resin	No	No	No
25154-52-3	Phenol, Nonyl-	No	No	No

V.O.C.: 0 LBS/GL (0 GMS/L)

16. Other Information

Revision Date: 6/17/2015

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 Paints 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.