

MATERIAL SAFETY DATA SHEET

For Coatings, Resins & Related Materials

=====**Section I**=====

Manufactured for: Kelly-Moore Paint Co
Address: 987 Commercial St
San Carlos, CA 94070

Prep Date: 03/11/08

Emergencies Involving Spills, Leaks,
Fires, Exposure, Or Accident Contact
Chemtrec: 1-800-424-9300

Product Class: Epoxy Coating
Trade Name: **KM-275 EPOXY PART A BASE**
H.M.I.S. CODES: H F R P
2 * 3 0 -

Information Phone: (888) 677-2468

=====**Section II - HAZARDOUS INGREDIENTS**=====

Ingredient	C.A.S.#	Weight Percent	Occup. Exposure Limits		Vapor Pressure	
			OSHA PEL	ACGIH TLV	mm Hg	& Temp.F
*Xylene	1330-20-7	1-5	100 ppm	100 ppm	5.1	68
*Ethyl Benzene	100-41-7	0-1	100 ppm	100 ppm	Not Determined	
Glycol Ether PM	107-98-2	1-5	100 ppm	100 ppm	8	68
Liquid Epoxy Resins	Mixture	25-35	Not Established		Not Established	
Nonyl Phenol	25154-52-3	1-5	Not Established		<1	68
Silicon Dioxide	14808-60-7	30-40			Not Established	

Silicon Dioxide is a crystalline Silica in the form of quartz.

OSHA PEL: Exposure to airborne crystalline silica shall not exceed an 8 hour time weighted average limit as stated in 29CFR 1910.1000, Table-Z-1-A Air Contaminants, Specifically; Silica, Crystalline Quartz (Respirable) 0.1 MG/M3. ACGIH TLV-TWA: 0.1 MG/M3. NIOSH Maximum permissible conc. 0.05 MG/M3, 10 hr workday, 40 hr. week.

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

=====**Section III - PHYSICAL DATA**=====

Boiling Range (Deg. F): 246°F-289°F
Evaporation Rate: Slower than Ether
Percent Volatile By Volume: 17± 2

Vapor Density: Heavier than air

Weight Per Gallon (lbs.): 14.2 ± 1

=====**Section IV - FIRE & EXPLOSION HAZARD DATA**=====

Flash Point (Deg. F): 80°F

Lower Explosive Limit: 1.0.

Extinguishing Media: Foam, alcohol foam, CO2, dry chemical, water spray
OSHA Flammability Classification: Flammable Liquid IC

Special Firefighting Procedures: Wear a NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool.

Unusual Fire & Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation to ignition sources at locations distant from material handling point. Pressure may build up in containers and create an explosion hazard.

KM-275 EPOXY PART A BASE

=====**Section V - HEALTH HAZARD DATA**=====

THIS PRODUCT IS FLAMMABLE

Effects Of Overexposure:

Eyes: Irritation, burning, tearing and redness.

Skin: Moderate irritation or defatting of skin upon prolonged or repeated contact.

Ingestion: Abdominal pain, nausea, vomiting and diarrhea.

Inhalation: Excessive exposure to vapors can cause headache, dizziness, uncoordination, nausea and loss of consciousness.

Emergency & First Aid Procedures:

Eyes: Flush with water for 15 minutes.

Skin: Remove contaminated clothing, wash skin with soap and water.

Ingestion: **Do not** induce vomiting. Get medical attention immediately.

Inhalation: Move to fresh air, aid breathing if necessary.

In all cases, consult a physician for best treatment.

Chemical listed as carcinogen or potential carcinogen:

NTP: Yes IARC: Yes OSHA: No

=====**Section VI - REACTIVITY DATA**=====

Stability: Product Stable

Conditions to Avoid: All sources of ignition

Incompatibility (Materials to Avoid): Oxidizing agents, strong acids & bases

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides and organic compounds.

Hazardous Polymerization: Will Not Occur

=====**Section VII - SPILL OR LEAK PROCEDURES**=====

Steps To Be Taken In Case Material Is Released Or Spilled: Dike spill area. Absorb spill with inert absorbent material. Place in sealed metal containers for proper disposal.

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

=====**Section VIII - SPECIAL PROTECTION INFORMATION**=====

Respiratory Protection: Use a NIOSH/MSHA jointly approved respirator

Ventilation: Use mechanical ventilation

Protective Gloves: Neoprene or rubber

Eye Protection: Chemical splash goggles

Other Protective Equipment: Protective clothing, barrier cream, eye bath, safety shower

=====**Section IX - SPECIAL PRECAUTIONS**=====

Precautions To Be Taken In Handling & Storing; Store in dry area. Keep away from open flames and high temperatures.

Other Precautions: Minimize contact. Avoid breathing vapors. Practice good industrial hygiene and safe working practices.

State and Local Regulations

California Proposition 65

This product contains the following substances known to the State of California to cause cancer, birth defects or other reproductive hazards: Benzene, Toluene, Crystalline Silica.

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Emergencies Involving Spills, Leaks,
Fires, Exposure, Or Accident Contact
Chemtrec: 1-800-424-9300

Product Class: Epoxy Coating
Trade Name: **KM-275 PART B HARDENER**
H.M.I.S. CODES: H F R P
2 * 3 0 -

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*Ethyl Benzene	100-41-7	0-3	100 ppm	100 ppm	Not Determined	
Glycol Ether PM	107-98-2	1-5	100 ppm	100 ppm	8	68
Amine Hardeners	Mixture	15-25	Not Established		Not Established	
TRIS- 2,4,6 Phenol	25338-55-0	1-5	Not Established		Not Established	
Nonyl Phenol	25154-52-3	8-12	Not Established		<1	68
Silicon Dioxide	14808-60-7	25-35			Not Established	

Silicon Dioxide is a crystalline Silica in the form of quartz.

OSHA PEL: Exposure to airborne crystalline silica shall not exceed an 8 hour time weighted average limit as stated in 29CFR 1910.1000, Table-Z-1-A Air Contaminants, Specifically; Silica, Crystalline Quartz (Respirable) 0.1 MG/M3. ACGIH TLV-TWA: 0.1 MG/M3. NIOSH Maximum permissible conc. 0.05 MG/M3, 10 hr workday, 40 hr. week.

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=====**Section III - PHYSICAL DATA**=====

Boiling Range (Deg. F): 240°F-280°F
Evaporation Rate: Slower than Ether
Percent Volatile By Volume: 23±2

Vapor Density: Heavier than air

Weight Per Gallon (lbs.): 11.85 ± 1

=====**Section IV - FIRE & EXPLOSION HAZARD DATA**=====

Flash Point (Deg. F): 80°F

Lower Explosive Limit: 1.0.

Extinguishing Media: Foam, alcohol foam, CO2, dry chemical, water spray
OSHA Flammability Classification: Flammable Liquid IC

Special Firefighting Procedures: Wear a NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool.

Unusual Fire & Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation to ignition sources at locations distant from material handling point. Pressure may build up in containers and create an explosion hazard.

PC-275 PART B HARDENER

=====**Section V - HEALTH HAZARD DATA**=====

THIS PRODUCT IS CORROSIVE

Effects Of Overexposure:

Eyes: Irritation, burning, tearing, redness, swelling, possible chemical burns.

Skin: Severe irritation, possible skin sensitizer. Can cause chemical burns, redness, and swelling.

Ingestion: Abdominal pain, nausea, vomiting, diarrhea, throat and mouth burns.

Inhalation: Headache, nausea, respiratory tract irritant.

Emergency & First Aid Procedures:

Eyes: Flush with water for 15 minutes.

Skin: Remove contaminated clothing, wash skin with soap and water.

Ingestion: **Do not** induce vomiting. Get medical treatment immediately.

Inhalation: Move to fresh air, aid breathing if necessary.

In all cases, consult a physician for best treatment.

Chemical listed as carcinogen or potential carcinogen:

NTP: No IARC: No OSHA: No

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Stability: Product Stable

Conditions to Avoid: All sources of ignition

Incompatibility (Materials to Avoid): Oxidizing agents, strong acids & bases

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