

MATERIAL SAFETY DATA SHEET

For Coatings, Resins & Related Materials

Section I

Manufactured For: Kelly-Moore Paints.
Address: 987 Commercial St.
San Carlos, CA 94070

Prep Date: 03/28/08

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

Product Class: Epoxy Coating
Trade Name: **KM-615 PART A BASE**
H.M.I.S. Codes: H F R P
3 1 0

Information Phone: (251) 964-7911

Section II - HAZARDOUS INGREDIENTS

Ingredient	C.A.S.#	Weight Percent	Occup. Exposure Limits		Vapor Pressure mm Hg & Temp.F
			OSHA PEL	ACGIH TLV	
Epoxy Resins	Mixture	65-75	Not Established	Not Determined	
Nonyl Phenol	25154-52-3	1 - 5	Not Established	<1	68
Silicon Dioxide	14808-60-7	20-30			Not Determined

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): N/A
Evaporation Rate: Slower than Ether
Percent Volatile By Volume: 0

Vapor Density: Heavier than air

Weight Per Gallon (lbs.): 11.0±.3

Section IV - FIRE & EXPLOSION HAZARD DATA

Flash Point (Deg. F): <200
Extinguishing Media: Foam, alcohol foam, CO2, dry chemical

Lower Explosive Limit: N/A

OSHA Flammability Classification: Combustible Liquid Class III B

Special Firefighting Procedures: Wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool. Water may be ineffective as an extinguishing agent.

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-615 PART A BASE

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

THIS PRODUCT IS COMBUSTIBLE

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: Crystalline Silica

MATERIAL SAFETY DATA SHEET

For Coatings, Resins & Related Materials

=====Section I=====

Manufactured For: Kelly-Moore Paints.
Address: 987 Commercial St.
San Carlos, CA 94070

Prep Date: 03/28/08

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

Product Class: Epoxy Hardener
Trade Name: **KM-615 PART B HARDENER**
H.M.I.S. Codes: H F R P
3 1 0

Information Phone: (251) 964-7911

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

Ingredient	C.A.S.#	Weight Percent	Occup. Exposure Limits		Vapor Pressure mm Hg & Temp.F
			OSHA PEL	ACGIH TLV	
Amine Hardener	Mixture	40-50		Not Established	Not Determined.
TDMAM Phenol	90-72-2	5-10		Not Established	Not Determined
Nonyl Phenol	25154-52-3	10-20		Not Established	<1 68
Silicon Dioxide	14808-60-7	20-30			Not Determined

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 hour 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): N/A
Evaporation Rate: Slower than Ether
Percent Volatile By Volume: 0

Vapor Density: Heavier than air
Weight Per Gallon (lbs.): 9.50±.3

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

Flash Point (Deg. F): <200
Extinguishing Media: Foam, alcohol foam, CO2, dry chemical

Lower Explosive Limit: N/A

OSHA Flammability Classification: Combustible Liquid III B

Special Firefighting Procedures: Wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool. Water may be ineffective as an extinguishing agent.

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-615 PART B HARDENER

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

THIS PRODUCT IS CORROSIVE

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: Crystalline Silica