

# MATERIAL SAFETY DATA SHEET

## For Coatings, Resins & Related Materials

### Section I

Manufactured For: Kelly-Moore Paints  
Address: 987 Commercial Street  
San Carlos, CA 94070  
Prep Date: 07/28/06  
Emergencies Involving Spills, Leaks,  
Fires, Exposure, Or Accident Contact  
Chemtrec: 1-800-424-9300  
Product Class: Epoxy Coating Hardener  
Trade Name: **KM-1850-002 PART B HARDENER**  
H.M.I.S. Codes: H F R P  
2 1 0 -  
Information Phone: 1-888-677-2468

### Section II - HAZARDOUS INGREDIENTS

| Ingredient                       | C.A.S.#    | Weight<br>Percent | Occup. Exposure Limits |           | Vapor Pressure  |    |
|----------------------------------|------------|-------------------|------------------------|-----------|-----------------|----|
|                                  |            |                   | OSHA PEL               | ACGIH TLV | mm Hg & Temp.F  |    |
| Amine Adducts                    | Mixture    | 70-75             | Not Established        |           | Not Established |    |
| Modified Aliphatic<br>Polyamines | Mixture    | 10-15             | Not Established        |           | Not Established |    |
| Nonyl Phenol                     | 25154-52-3 | 15-20             | 5 ppm                  | 5 ppm     | 1               | 68 |

\*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): 230°  
Evaporation Rate: N/A  
Percent Volatile By Volume: 0  
Vapor Density: N/A  
Weight Per Gallon (lbs.): 7.9 ± .2

### Section IV - FIRE & EXPLOSION HAZARD DATA

Flash Point (Deg. F): 220°  
Extinguishing Media: Foam, alcohol foam, CO2, dry chemical, water fog  
OSHA Flammability Classification: Combustible Liquid, Class IIIB  
Lower Explosive Limit: N/A

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-1850-002 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

=====**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.