Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Epoxy FC 125 Part B  Product Code: Epoxy FC 125 B
Trade Name: Epoxy FC 125 Part B

Manufactured by:
Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtrec
2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:
(800) 424-9300

Section 2 - Hazards Identification

GHS Ratings:

- Flammable liquid: 4
  Flash point >= 60°C (140°F) and <= 93°C (200°F)
- Oral Toxicity: 4
  Oral>300+=2000mg/kg
- Inhalation Toxicity: 4
  Gases>2500+<=2000ppm, Vapors>10+<=20mg/l,
  Dusts&mists>1+=5mg/l
- Skin corrosive: 1A
  Destruction of dermal tissue: Exposure < 3 min. Observation <
  1 hour, visible necrosis in at least one animal
- Eye corrosive: 1
  Serious eye damage: Irreversible damage 21 days after
  exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
- Skin sensitizer: 1
  Skin sensitizer
- Reproductive toxin: 1B
  Presumed, Based on experimental animals

GHS Hazards

- H227: Combustible liquid
- H302: Harmful if swallowed
- H314: Causes severe skin burns and eye damage
- H317: May cause an allergic skin reaction
- H318: Causes serious eye damage
- H332: Harmful if inhaled
- H360: May damage fertility or the unborn child

GHS Precautions

- P201: Obtain special instructions before use
- P202: Do not handle until all safety precautions have been read and understood
- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P235: Keep cool
- P260: Do not breathe dust/fume/gas/mist/vapours/spray
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray
- P264: Wash … thoroughly after handling
- P272: Contaminated work clothing should not be allowed out of the workplace
- P280: Wear protective gloves/protective clothing/eye protection/face protection
Section 3 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-tert-Butylphenol</td>
<td>98-54-4</td>
<td>20.00% - 30.00%</td>
</tr>
<tr>
<td>Cyclohexane-1,3-diyldimethanamine</td>
<td>2579-20-6</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>100-51-6</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>3-aminomethyl-3,5,5-trimethylcyclohexylamine</td>
<td>2855-13-2</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>2-methyl-1,5-pentanediamine</td>
<td>15520-10-2</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Nonylphenol</td>
<td>84852-15-3</td>
<td>5.00% - 10.00%</td>
</tr>
<tr>
<td>Inert</td>
<td></td>
<td>5.00% - 10.00%</td>
</tr>
</tbody>
</table>

Section 4 - First Aid Measures

**Inhalation:** Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Chemical burns must be treated promptly by a physician. Get medical attention immediately.

**Skin Contact:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash...
contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

**Ingestion:** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Notes to Physician:** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

### Section 5 - Fire Fighting Measures

**Flash Point:** 93 C (199 F)

**LEL:** 1.00 **UEL:**

**Flammability of the product:** In a fire or if heated, a pressure increase will occur and the container may burst.

**Suitable Extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.

**Not Suitable Extinguishing Media:** Do not use water jet.

**Special exposure hazards:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Hazardous combustion products:** No specific data.

**Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6 - Accidental Release Measures

**Personal precautions:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

**Environmental precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Small spill:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

### Section 7 - Handling and Storage

**Handling Precautions:** Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
Workers should wash hands and face before eating, drinking and smoking. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage Requirements: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-tert-Butylphenol 98-54-4</td>
<td>No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.</td>
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</tr>
<tr>
<td>Cyclohexane-1,3-diyldimethanamine 2579-20-6</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Benzyl Alcohol 100-51-6</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>3-aminomethyl-3,5,5-trimethylcyclohexylamine 2855-13-2</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>2-methyl-1,5-pentanediamine 15520-10-2</td>
<td>Not established.</td>
<td>Not established.</td>
<td>Not established.</td>
</tr>
<tr>
<td>Nonylphenol 84852-15-3</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Inert</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Respiratory Protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
**Hand Protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Material of gloves for long term application (BTT>480min):
- butyl rubber
- ethyl vinyl alcohol laminate (EVAL)
- gauntlet type

Material of gloves for short term/spash application (10min<BTT<480min):
- nitrile rubber
- gauntlet type

**Eye Protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

**Skin Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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### Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explosive Limits:</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Autoignition temperature:</strong></td>
<td>350°C</td>
</tr>
<tr>
<td><strong>Viscosity:</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Appearance:</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Melting point:</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Solubility:</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Flash point:</strong></td>
<td>199°F, 93°C</td>
</tr>
<tr>
<td><strong>Flammability:</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Odor threshold:</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>pH:</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Partition coefficient</strong> (n-octanol/water):**</td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Decomposition temperature:</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Grams VOC/liter less water:</strong></td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Specific Density:</strong></td>
<td>0.98</td>
</tr>
<tr>
<td><strong>Freezing point:</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Boiling range:</strong></td>
<td>192 - 290°C</td>
</tr>
<tr>
<td><strong>Evaporation rate:</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Vapor Pressure:</strong></td>
<td>1.3 hPa @ 20°C</td>
</tr>
<tr>
<td><strong>Vapor Density:</strong></td>
<td>5.3</td>
</tr>
</tbody>
</table>

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### Section 10 - Stability and Reactivity

**Stability:** The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.

**STABLE**

**Incompatibilities/Conditions to avoid:** Strong oxidizer, Keep away from heat, sparks, flame and other ignition sources. Strong oxidizing agents.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. Decomposition products may include the following materials: carbon monoxide, oxides of nitrogen.

Hazardous polymerization will not occur.
Section 11 - Toxicological Information

Mixture Toxicity
Oral Toxicity LD50: 965mg/kg
Inhalation Toxicity LC50: 15mg/L

Component Toxicity
98-54-4 4-tert-Butylphenol
Oral LD50: 2,000 mg/kg (Rat)

2579-20-6 Cyclohexane-1,3-diylidimethanamine
Oral LD50: 300 mg/kg (Rat)

2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine
Oral LD50: 1,030 mg/kg (Rat)  Dermal LD50: 2,000 mg/kg (Rat)  Inhalation LC50: 5 mg/L (Rat)

15520-10-2 2-methyl-1,5-pentanediamine
Oral LD50: 1,170 mg/kg (Rat)  Dermal LD50: 1,870 mg/kg (Rabbit)  Inhalation LC50: 5 mg/L (Rat)

84852-15-3 Nonylphenol
Oral LD50: 1,620 mg/kg (Rat)

Section 12 - Ecological Information

Environmental effects: No known significant effects or critical hazards.

Component Ecotoxicity

Section 13 - Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14 - Transport Information

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/RID</td>
<td>AMINES, LIQUID, CORROSIVE, N.O.S.</td>
<td>UN2735</td>
<td>II</td>
<td>8</td>
</tr>
<tr>
<td>DOT</td>
<td>AMINES, LIQUID, CORROSIVE, N.O.S.</td>
<td>UN2735</td>
<td>II</td>
<td>8</td>
</tr>
<tr>
<td>IATA</td>
<td>AMINES, LIQUID, CORROSIVE, N.O.S.</td>
<td>UN2735</td>
<td>II</td>
<td>8</td>
</tr>
<tr>
<td>IMDG</td>
<td>AMINES, LIQUID, CORROSIVE, N.O.S.</td>
<td>UN2735</td>
<td>II</td>
<td>8</td>
</tr>
</tbody>
</table>

Section 15 - Regulatory Information
This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:
- None

R2K List
98-54-4  4-tert-Butylphenol
15520-10-2  2-methyl-1,5-pentanediame

Section 16 - Other Information

The material contained in this Safety Data Sheet is based on information supplied to Smith Paint Products by the raw material suppliers of the individual components of this product. Smith Paint Products believes this information is truthful and reliable. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and health and safety of your employees and users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

Date Prepared: 6/15/2018