1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: GARAGE FLOOR COATING CATALYST
Product Code: 11584
Product Class: WATER THINNED PAINT
Color: All

Manufacturer: Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 201-573-9600
www.benjaminmoore.com

Emergency Telephone Number(s):
CHEMTREC: 800-424-9300

2. COMPOSITION INFORMATION ON COMPONENTS

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS-No</th>
<th>Weight % (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epoxy amine</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Epoxy amine</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Sodium nitrite</td>
<td>7632-00-0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

Emergency Overview
WARNING
Irritating to eyes. Irritating to skin. Skin sensitizer.

IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components.
CAUTION: All floor coatings may become slippery when wet. Where non-skid characteristics are desired, a small amount of clean sand may be added. Stir often during application.

Appearance: liquid
Odor: amine-like

Potential Health Effects
Principal Routes of Exposure: Eye contact, skin contact and inhalation.
Acute Effects
### Eyes
- Moderately irritating to the eyes.

### Skin
- Irritating to skin. Skin sensitizer.

### Inhalation
- May cause irritation of respiratory tract.

### Ingestion
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Chronic Effects
- Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons.

See Section 11 for additional Toxicological information.

### Aggravated Medical Conditions
- None known

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2*</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

**HMIS Legend**
- 0 - Minimal Hazard
- 1 - Slight Hazard
- 2 - Moderate Hazard
- 3 - Serious Hazard
- 4 - Severe Hazard
- * - Chronic Hazard
- X - Consult your supervisor or S.O.P. for "Special" handling instructions.

**Note:** The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

**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, Benjamin Moore & Co., has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

### 4. FIRST AID MEASURES

#### General Advice
- If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

#### Eye Contact
- Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately.

#### Skin Contact
- Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

#### Inhalation
- Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately.

#### Ingestion
- Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.

#### Notes To Physician
- Treat symptomatically

#### Protection Of First-Aiders
- Use personal protective equipment.
5. **FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Protective Equipment And Precautions For Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Specific Hazards Arising From The Chemical**
Closed containers may rupture if exposed to fire or extreme heat. Cool heated containers with water to minimize the risk of rupture.

**Sensitivity To Mechanical Impact**
No

**Sensitivity To Static Discharge**
No

**Flash Point Data**
- **Flash Point (°F)**: Not applicable
- **Flash Point (°C)**: Not applicable
- **Flash Point Method**: Not applicable

**Flammability Limits In Air**
- **Lower Explosion Limit**: Not applicable
- **Upper Explosion Limit**: Not applicable

**NFPA Legend**

0 - Not Hazardous  
1 - Slightly  
2 - Moderate  
3 - High  
4 - Severe

The ratings assigned by Benjamin Moore & Co. are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.

6. **ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**
Use personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

**Environmental Precautions**
Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

**Methods For Clean-Up**
Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

**Other Information**
None known
7. HANDLING AND STORAGE

Handling
Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors, spray mists or sanding dust. Ensure adequate ventilation.

Storage
Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Hazardous Components

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epoxy amine</td>
<td>N/E</td>
<td>N/E</td>
</tr>
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<td>N/E</td>
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</tr>
<tr>
<td>Sodium nitrite</td>
<td>N/E</td>
<td>N/E</td>
</tr>
</tbody>
</table>

Legend
ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits
OSHA - Occupational Safety & Health Administration Exposure Limits
N/E - Not Established

Engineering Measures
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection
Safety glasses with side-shields. If splashes are likely to occur, wear:.. Tightly fitting safety goggles.

Skin Protection
Long sleeved clothing. Protective gloves.

Respiratory Protection
In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene Measures
Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>amine-like</td>
</tr>
<tr>
<td>Density (lbs/gal)</td>
<td>9.0 - 9.1</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.0 - 1.1</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity (centistokes)</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Wt. % Solids</td>
<td>45 - 55</td>
</tr>
</tbody>
</table>
### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vol. % Solids</td>
<td>40 - 50</td>
</tr>
<tr>
<td>Wt. % Volatiles</td>
<td>45 - 55</td>
</tr>
<tr>
<td>Vol. % Volatiles</td>
<td>50 - 60</td>
</tr>
<tr>
<td>VOC Regulatory Limit (g/L)</td>
<td>&lt; 250</td>
</tr>
<tr>
<td>Boiling Point (°F)</td>
<td>212</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>100</td>
</tr>
<tr>
<td>Freezing Point (°F)</td>
<td>32</td>
</tr>
<tr>
<td>Freezing Point (°C)</td>
<td>0</td>
</tr>
<tr>
<td>Flash Point (°F)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash Point Method</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper Explosion Limit</td>
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</tr>
<tr>
<td>Lower Explosion Limit</td>
<td>Not applicable</td>
</tr>
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</table>

### 10. STABILITY AND REACTIVITY

- **Chemical Stability**: Stable under normal conditions. Hazardous polymerisation does not occur.
- **Conditions To Avoid**: Prevent from freezing
- **Incompatible Materials**: Incompatible with strong acids and bases and strong oxidizing agents.
- **Hazardous Decomposition Products**: Thermal decomposition can lead to release of irritating gases and vapors.
- **Possibility Of Hazardous Reactions**: None under normal conditions of use.

### 11. TOXICOLOGICAL INFORMATION

#### Acute Toxicity

- **Product**: No information available

#### Component

- **Sodium nitrite**
  - LD50 Oral: 180 mg/kg (Rat)
  - LC50 Inhalation (Dust): 5.5 mg/m³ (Rat, 4 hr.)

#### Chronic Toxicity

- **Carcinogenicity**: The information below indicates whether each agency has listed any ingredient as a carcinogen:
Chemical Name | ACGIH | IARC | NTP | OSHA Carcinogen
--- | --- | --- | --- | ---
Sodium nitrite | | 2A - Probable Human Carcinogen | |

Legend
ACGIH - American Conference of Governmental Industrial Hygienists
IARC - International Agency for Research on Cancer
NTP - National Toxicity Program
OSHA - Occupational Safety & Health Administration

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects

Product
Acute Toxicity to Fish
No information available

Acute Toxicity to Aquatic Invertebrates
No information available

Acute Toxicity to Aquatic Plants
No information available

Component
Acute Toxicity to Fish
No information available

Acute Toxicity to Aquatic Invertebrates
No information available

Acute Toxicity to Aquatic Plants
No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method
Dispose of in accordance with federal, state, and local regulations. Dry, empty containers may be recycled in a can recycling program. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION

DOT
Not regulated
14. TRANSPORT INFORMATION

ICAO / IATA  
Contact Benjamin Moore & Co. for further information.

IMDG / IMO  
Contact Benjamin Moore & Co. for further information.

15. REGULATORY INFORMATION

International Inventories

United States TSCA  
Yes - All components are listed or exempt.

Canada DSL  
No - Not all of the components are listed.  
One or more component is listed on NDSL.

Federal Regulations

SARA 311/312 hazardous categorization

<table>
<thead>
<tr>
<th>Category</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
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<tr>
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This product may contain trace amounts of (other) SARA reportable chemicals. Contact Benjamin Moore & Co. for further information.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following HAPs:

This product may contain trace amounts of (other) HAPs chemicals. Contact Benjamin Moore & Co. for further information.

State Regulations

California Proposition 65

This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

State Right-to-Know
16. OTHER INFORMATION

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Prepared By
Product Stewardship Department
Benjamin Moore & Co.
360 Route 206 - P.O. Box 4000
Flanders, NJ 07836
866-690-1961

Revision Date: 29-Sep-2009
Revision Summary Not available

Disclaimer
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End of MSDS