1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: WATERBORNE AMINE EPOXY CATALYST
Product Code: V440-90
Alternate Product Code: V44090
Product Class: WATERBORNE CATALYST
Color: Clear
Recommended use: Industrial paint
Restrictions on use: No information available

Manufacturer: Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 1-866-708-9180
corotechcoatings.com

Emergency Telephone:
CHEMTREC (US): 800-424-9300
CHEMTREC (outside US): (703)-527-3887

2. HAZARDS IDENTIFICATION

Classification
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>2A</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>1</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>2</td>
</tr>
</tbody>
</table>

Label elements

Warning

Hazard statements
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
Suspected of damaging fertility or the unborn child
Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention

Eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing
If eye irritation persists: Get medical advice/attention

Skin
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: Get medical advice/attention

Precautionary Statements - Storage
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Not applicable

Other information
No information available

Other hazards
IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.

### 3. COMPOSITION INFORMATION ON COMPONENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxirane, 2,2-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer</td>
<td>25085-99-8</td>
<td>65</td>
</tr>
<tr>
<td>Distillates (petroleum), solvent-refined light paraffinic</td>
<td>64741-89-5</td>
<td>0.5</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

General Advice
If symptoms persist, call a physician.

Eye Contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Wash clothing before reuse. Destroy contaminated articles such as shoes.

Inhalation
Move to fresh air. If symptoms persist, call a physician.

Ingestion
Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.

Most Important Symptoms/Effects
May cause allergic skin reaction.

Notes To Physician
Treat symptomatically.

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.

Sensitivity To Mechanical Impact
No

Sensitivity To Static Discharge
No

Flash Point Data

Flash Point (°F) Not applicable
Flash Point (°C) Not applicable
Method Not applicable

Flammability Limits In Air

Lower flammability limit: Not applicable
Upper flammability limit: Not applicable

NFPA
Health: 1 Flammability: 0 Instability: 0 Special: Not Applicable
6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

Other Information
Prevent further leakage or spillage if safe to do so.

Environmental precautions
See Section 12 for additional Ecological Information.

Methods for Cleaning Up
Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling
Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

Storage
Keep container tightly closed. Keep out of the reach of children.

Incompatible Materials
No information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits
No exposure limits have been established for this product.

Legend

Engineering Measures
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection
Safety glasses with side-shields.

Skin Protection
Protective gloves and impervious clothing.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES
**Appearance**  
liquid

**Odor**  
little or no odor

**Odor Threshold**  
No information available

**Density (lbs/gal)**  
9.05 - 9.15

**Specific Gravity**  
1.08 - 1.10

**pH**  
No information available

**Viscosity (cps)**  
No information available

**Solubility(ies)**  
No information available

**Water solubility**  
No information available

**Evaporation Rate**  
No information available

**Vapor pressure @20 °C (kPa)**  
No information available

**Vapor density**  
No information available

**Wt. % Solids**  
60 - 70

**Vol. % Solids**  
55 - 65

**Wt. % Volatiles**  
30 - 40

**Vol. % Volatiles**  
35 - 45

**VOC Regulatory Limit (g/L)**  
<250

**Boiling Point (°F)**  
212

**Boiling Point (°C)**  
100

**Freezing Point (°F)**  
32

**Freezing Point (°C)**  
0

**Flash Point (°F)**  
Not applicable

**Flash Point (°C)**  
Not applicable

**Method**  
Not applicable

**Flammability (solid, gas)**  
Not applicable

**Upper flammability limit:**  
Not applicable

**Lower flammability limit:**  
Not applicable

**Autoignition Temperature (°F)**  
No information available

**Autoignition Temperature (°C)**  
No information available

**Decomposition Temperature (°F)**  
No information available

**Decomposition Temperature (°C)**  
No information available

**Partition coefficient**  
No information available

### 10. STABILITY AND REACTIVITY

**Reactivity**  
Not Applicable

**Chemical Stability**  
Stable under normal conditions.

**Conditions to avoid**  
Prevent from freezing.

**Incompatible Materials**  
No materials to be especially mentioned.

**Hazardous Decomposition Products**  
None under normal use.

**Possibility of hazardous reactions**  
None under normal conditions of use.

### 11. TOXICOLOGICAL INFORMATION

**Product Information**

**Information on likely routes of exposure**
Principal Routes of Exposure  Eye contact, skin contact and inhalation.

**Acute Toxicity**

**Product Information**  No information available

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms**  No information available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

- **Eye contact**  Causes eye irritation.
- **Skin contact**  Irritating to skin. Prolonged skin contact may cause skin irritation and/or dermatitis.
- **Inhalation**  May cause irritation of respiratory tract.
- **Ingestion**  Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- **Sensitization**  May cause an allergic skin reaction
- **Neurological Effects**  No information available.
- **Mutagenic Effects**  No information available.
- **Reproductive Effects**  Possible risk of impaired fertility. Possible risk of harm to the unborn child.
- **Developmental Effects**  No information available.
- **Target organ effects**  No information available.
- **STOT - single exposure**  No information available.
- **STOT - repeated exposure**  No information available.
- **Other adverse effects**  No information available.
- **Aspiration Hazard**  No information available

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

- ATEmix (oral)  23851 mg/kg
- ATEmix (dermal)  36572 mg/kg

**Component Information**

- Oxirane, 2,2-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer
  - LD50 Oral: > 5000 mg/kg (Rat)
- Distillates (petroleum), solvent-refined light paraffinic
  - LD50 Oral: > 15 g/kg (Rat)
  - LD50 Dermal: > 5 g/kg (Rabbit)

**Carcinogenicity**

There are no known carcinogenic chemicals in this product above reportable levels.

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**12. ECOLOGICAL INFORMATION**

**Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

**Product Information**

**Acute Toxicity to Fish**
No information available

**Acute Toxicity to Aquatic Invertebrates**
No information available

**Acute Toxicity to Aquatic Plants**
No information available

**Persistence / Degradability**
No information available.

**Bioaccumulation**
No information available.

**Mobility in Environmental Media**
No information available.

**Ozone**
No information available

**Component Information**

**Acute Toxicity to Fish**
No information available

**Acute Toxicity to Aquatic Invertebrates**
No information available

**Acute Toxicity to Aquatic Plants**
No information available

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### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method**
Dispose of in accordance with federal, state, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

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### 14. TRANSPORT INFORMATION

**DOT**
Not regulated

**ICAO / IATA**
Not regulated

**IMDG / IMO**
Not regulated

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### 15. REGULATORY INFORMATION

**International Inventories**

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

**DSL: Canada**
Yes - All components are listed or exempt.
Federal Regulations

SARA 311/312 hazardous categorization

- Acute health hazard: Yes
- Chronic Health Hazard: No
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

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:

None

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

None

US State Regulations

California Proposition 65

⚠️ WARNING: Cancer and Reproductive Harm— www.P65warnings.ca.gov

State Right-to-Know

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), solvent-refined light paraffinic</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend

X - Listed

16. OTHER INFORMATION

HMIS -
Health: 1   Flammability: 0   Reactivity: 0   PPE: -

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.
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.
101 Paragon Drive
Montvale, NJ 07645
800-225-5554

Revision Date: 20-Jul-2018
Revision Summary Not available

Disclaimer
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END OF SAFETY DATA SHEET