1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: EPOXY PATCH PART A
Product Code: V165-A
Alternate Product Code: V165A0
Product Class: FINISH COATING
Color: All
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)

Acute toxicity - Oral: Category 4
Acute toxicity - Inhalation (Vapors): Category 4
Acute toxicity - Inhalation (Dusts/Mists): Category 4
Skin corrosion/irritation: Category 1 Sub-category B
Serious eye damage/eye irritation: Category 1
Skin sensitization: Category 1
Reproductive toxicity: Category 2

Label elements

Danger

Hazard statements
Harmful if swallowed
Harmful if inhaled
Causes severe skin burns and eye damage
May cause an allergic skin reaction
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
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response
Immediately call a POISON CENTER or doctor/physician

Eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician

Skin
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
If skin irritation or rash occurs: Get medical advice/attention

Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell
Immediately call a POISON CENTER or doctor/physician

Ingestion
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth
Do NOT induce vomiting

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.

**CAUTION:** All floor coatings may become slippery when wet. Where non-skid characteristics are desired, use an appropriate anti-slip aggregate.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>45</td>
</tr>
<tr>
<td>Nonylphenol</td>
<td>84852-15-3</td>
<td>25</td>
</tr>
<tr>
<td>Isophoronediamine</td>
<td>2855-13-2</td>
<td>15</td>
</tr>
<tr>
<td>1,3-Benzenedimethanamine</td>
<td>1477-55-0</td>
<td>15</td>
</tr>
<tr>
<td>p-tert-Butylphenol</td>
<td>98-54-4</td>
<td></td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

**General Advice**
Immediate medical attention is not required.

**Eye Contact**
Immediate medical attention is required. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

**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. For severe burns, immediate medical attention is required. Wash clothing before reuse. Destroy contaminated articles such as shoes.

**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.

**Protection Of First-Aiders**
Use personal protective equipment.

**Most Important Symptoms/Effects**
May cause allergic skin reaction.

**Notes To Physician**
Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Foam, dry powder or water. 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)
Specific Hazards Arising From The Chemical
Closed containers may rupture if exposed to fire or extreme heat. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapors.

Sensitivity To Mechanical Impact
No

Sensitivity To Static Discharge
Yes

Flash Point Data

<table>
<thead>
<tr>
<th>Flash Point (°F)</th>
<th>250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (°C)</td>
<td>121</td>
</tr>
</tbody>
</table>

Method
PMCC

Flammability Limits In Air

| Lower flammability limit: | Not available |
| Upper flammability limit:  | Not available |

NFPA
Health: 3  Flammability: 1  Instability: 0  Special: Not Applicable

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

The ratings assigned 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. Remove all sources of ignition.

Other Information
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.

Environmental precautions
See Section 12 for additional Ecological Information.

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

7. HANDLING AND STORAGE

Handling
Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.
Storage

Incompatible Materials
Incompatible with strong acids and bases and strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3-Benzenedimethanamine</td>
<td>0.1 mg/m³ - Ceiling Skin</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.

Skin Protection
Long sleeved clothing. Protective gloves.

Respiratory Protection
In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.

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

Appearance
liquid

Odor
solvent

Odor Threshold
No information available

Density (lbs/gal)
8.45 - 8.55

Specific Gravity
1.01 - 1.03

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
90 - 100

Vol. % Solids
90 - 100

Wt. % Volatiles
0 - 10
### 10. STABILITY AND REACTIVITY

**Reactivity**
- Not Applicable

**Chemical Stability**
- Stable under normal conditions. Hazardous polymerisation does not occur.

**Conditions to avoid**
- Keep away from open flames, hot surfaces, static electricity and sources of ignition.

**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

**Product Information**

**Information on likely routes of exposure**

**Principal Routes of Exposure**
- Eye contact, skin contact and inhalation.

**Acute Toxicity**

**Product Information**
- Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

**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**  
Severely irritating to eyes. May cause burns. Risk of serious damage to eyes.

**Skin contact**  
Causes burns. Harmful in contact with skin.

**Ingestion**  
Ingestion may cause irritation to mucous membranes. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

**Inhalation**  
High vapor / aerosol concentrations are irritating to the eyes, nose, throat and lungs and may cause headaches, dizziness, drowsiness, unconsciousness, and other central nervous system effects.

**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 - repeated exposure**  
Causes damage to organs through prolonged or repeated exposure if inhaled.

**STOT - single exposure**  
May cause disorder and damage to the respiratory system.

**Other adverse effects**  
No information available.

**Aspiration Hazard**  
May be harmful if swallowed and enters airways. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

Numerical measures of toxicity

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

- **ATEmix (oral)**: 1309 mg/kg
- **ATEmix (dermal)**: 2127 mg/kg
- **ATEmix (inhalation-dust/mist)**: 3.7 mg/L
- **ATEmix (inhalation-vapor)**: 19.4 mg/L

Component Information

**Acute Toxicity**

- **Benzyl alcohol**
  - LD50 Oral: 1230-1660 mg/kg (Rat)
  - LD50 Dermal: 2,000 mg/kg (Rabbit)
  - LC50 Inhalation (Vapor): > 5,000 mg/m³ (Rat)

- **Nonylphenol**
  - LD50 Oral: 1300 mg/kg (Rat)

- **1,3-Benzenedimethanamine**
  - LD50 Oral: 930 mg/kg (Rat)
  - LD50 Dermal: 2000 mg/kg (Rabbit)
  - LC50 Inhalation (Vapor): 700 ppm (Rat)

- **p-tert-Butylphenol**
  - LD50 Oral: 3.250 ml/kg
  - LD50 Dermal: 2.520 mL/kg (Rabbit)

**Carcinogenicity**

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

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.

Empty Container Warning
Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.
14. TRANSPORT INFORMATION

DOT
Proper Shipping Name: PAINT
Hazard class: 8
UN-No.: UN3066
Packing Group: II
Description: UN3066, PAINT, 8, II, Marine Pollutant (Nonylphenol)

ICAO / IATA: Contact the preparer for further information.
IMDG / IMO: Contact the preparer for further information.

15. REGULATORY INFORMATION

International Inventories
TSCA: United States
Yes - All components are listed or exempt.
DSL: Canada
No - Not all of the components are listed.

Federal Regulations

SARA 311/312 hazardous categorization
Acute health hazard: Yes
Chronic Health Hazard: Yes
Fire hazard: Yes
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:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>CERCLA/SARA 313 (de minimis concentration)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonylphenol</td>
<td>84852-15-3</td>
<td>25</td>
<td>1.0</td>
</tr>
</tbody>
</table>

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
16. OTHER INFORMATION

**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, the preparer, 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.

**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: 17-Jul-2018
Revision Summary  Not available

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END OF SAFETY DATA SHEET