1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: POLYAMIDE EPOXY COATING SEMI-GLOSS CATALYST
Product Code: V400-91FR
Alternate Product Code: A40091
Product Class: CATALYST
Color: Light yellow
Recommended use: CATALYST
Restrictions on use: No information available

Manufactured For:
Benjamin Moore & Co., Limited
8775 Keele Street
Concord ON L4K 2N1
Phone: 1-800-361-5898
corotechcoatings.ca

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the Hazardous Products Regulations (HPR: SOR/2015-17)

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2A</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Category 1</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 1A</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 1</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Category 1</td>
</tr>
<tr>
<td>Aspiration toxicity</td>
<td>Category 1</td>
</tr>
<tr>
<td>Flammable liquids</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

Label elements
Danger

Hazard statements
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause cancer
May damage fertility or the unborn child
Causes damage to organs
Causes damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways
Flammable liquid and vapor

Appearance liquid
Odor solvent

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
Contaminated work clothing should not be allowed out of the workplace
Do not breathe dust/fume/gas/mist/vapors/spray
Do not eat, drink or smoke when using this product
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting/equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
IF exposed: 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
If eye irritation persists: Get medical advice/attention
Skin
If skin irritation or rash occurs: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
Ingestion
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting

Fire
In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep cool

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

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>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc</td>
<td>14807-96-6</td>
<td>10 - 30%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Copolymer, bisphenol A diglycidylether-bisphenol A</td>
<td>25036-25-3</td>
<td>10 - 30%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4,4-isopropylidenediphenol-epichlorhydrin copolymer</td>
<td>25068-38-6</td>
<td>10 - 30%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>7 - 13%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propylene glycol monomethyl ether</td>
<td>107-98-2</td>
<td>3 - 7%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-Pentanone, 4-methyl-</td>
<td>108-10-1</td>
<td>1 - 5%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>1 - 5%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>n-Butyl alcohol</td>
<td>71-36-3</td>
<td>1 - 5%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Silica, crystalline</td>
<td>14808-60-7</td>
<td>0.25 - 0.5%</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Confidential Business Information note
*The exact percentage (concentration) of composition has been withheld as a trade secret

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. If symptoms persist, call 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
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

#### Flammable Properties
Vapors may travel considerable distance to a source of ignition and flash back. Vapors may cause flash fire.

#### 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) and full protective gear.

#### Hazardous combustion products
Burning may result in carbon dioxide, carbon monoxide and other combustion products of varying composition which may be toxic and/or irritating.

#### Specific Hazards ARISING FROM THE CHEMICAL
Flammable. Flash back possible over considerable distance. Keep product and empty container away from heat and sources of ignition. Closed containers may rupture if exposed to fire or extreme heat. 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>Method</th>
<th>Flash point (°F)</th>
<th>Flash Point (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMCC</td>
<td>80</td>
<td>27</td>
</tr>
</tbody>
</table>

#### Flammability Limits In Air
- **Lower flammability limit:** Not available
- **Upper flammability limit:** Not available
NFPA  Health:     2  Flammability:      3  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**

Remove all sources of ignition. Take precautions to prevent flashback. Ground and bond all containers and handling equipment. Take precautionary measures against static discharges. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective equipment.

**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. Use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. Clean contaminated surface thoroughly.

### 7. HANDLING AND STORAGE

**Handling**

Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not breathe vapors or spray mist. Use only in ventilated areas. Prevent vapor build-up by providing adequate ventilation during and after use.

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 heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Ignition and/or flash back may occur.

**Storage**

Keep containers tightly closed in a dry, cool and

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>Alberta</th>
<th>British Columbia</th>
<th>Ontario</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc</td>
<td>2 mg/m³ - TWA</td>
<td>2 mg/m³ - TWA</td>
<td>2 mg/m³ - TWA</td>
<td>2 mg/m³ - TWA</td>
<td>3 mg/m³ - TWAEV</td>
</tr>
<tr>
<td>Xylene</td>
<td>100 ppm - TWA</td>
<td>100 ppm - TWA</td>
<td>100 ppm - TWA</td>
<td>100 ppm - TWA</td>
<td>100 ppm - TWAEV</td>
</tr>
<tr>
<td></td>
<td>150 ppm - STEL</td>
<td>434 mg/m³ - TWA</td>
<td>150 ppm - STEL</td>
<td>434 mg/m³ - TWA</td>
<td>434 mg/m³ - TWAEV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>651 mg/m³ - STEL</td>
<td></td>
<td></td>
<td>651 mg/m³ - STEV</td>
</tr>
<tr>
<td>Propylene glycol monomethyl ether</td>
<td>50 ppm - TWA</td>
<td>100 ppm - TWA</td>
<td>100 ppm - TWA</td>
<td>50 ppm - TWA</td>
<td>100 ppm - TWAEV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 ppm - STEL</td>
<td>100 ppm - STEL</td>
<td>75 ppm - STEL</td>
<td>369 mg/m³ - TWAEV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>150 ppm - STEL</td>
<td>150 ppm - STEL</td>
<td>75 ppm - STEL</td>
<td>150 ppm - TWAEV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>553 mg/m³ - STEL</td>
<td></td>
<td></td>
<td>553 mg/m³ - STEV</td>
</tr>
<tr>
<td>2-Pentanone, 4-methyl-</td>
<td>20 ppm - TWA</td>
<td>20 ppm - TWA</td>
<td>20 ppm - TWA</td>
<td>20 ppm - TWA</td>
<td>20 ppm - TWA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>75 ppm - STEL</td>
<td>75 ppm - STEL</td>
<td>75 ppm - STEL</td>
<td>75 ppm - STEV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>205 mg/m³ - STEL</td>
<td></td>
<td></td>
<td>205 mg/m³ - STEV</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>20 ppm - TWA</td>
<td>100 ppm - TWA</td>
<td>100 ppm - TWA</td>
<td>20 ppm - TWA</td>
<td>100 ppm - TWAEV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>434 mg/m³ - TWA</td>
<td>434 mg/m³ - TWA</td>
<td>20 ppm - TWA</td>
<td>434 mg/m³ - TWAEV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>125 ppm - STEL</td>
<td>125 ppm - STEL</td>
<td>125 ppm - STEL</td>
<td>125 ppm - STEV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>543 mg/m³ - STEL</td>
<td></td>
<td></td>
<td>543 mg/m³ - STEV</td>
</tr>
<tr>
<td>n-Butyl alcohol</td>
<td>20 ppm - TWA</td>
<td>20 ppm - TWA</td>
<td>15 ppm - TWA</td>
<td>20 ppm - TWA</td>
<td>50 ppm - TWAEV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>60 mg/m³ - TWA</td>
<td>60 mg/m³ - TWA</td>
<td>30 ppm - Ceiling</td>
<td>152 mg/m³ - Ceiling</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin absorption can contribute to overall exposure.</td>
</tr>
<tr>
<td>Silica, crystalline</td>
<td>0.025 mg/m³ - TWA</td>
<td>0.025 mg/m³ - TWA</td>
<td>0.025 mg/m³ - TWA</td>
<td>0.10 mg/m³ - TWA</td>
<td>0.1 mg/m³ - TWAEV</td>
</tr>
</tbody>
</table>

**Legend**

ACGIH - American Conference of Governmental Industrial Hygienists
Alberta - Alberta Occupational Exposure Limits
British Columbia - British Columbia Occupational Exposure Limits
Ontario - Ontario Occupational Exposure Limits
Quebec - Quebec Occupational 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

Protective gloves and impervious clothing.

#### Respiratory Protection

Use only with adequate ventilation. 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.

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>solvent</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Density (lbs/gal)</td>
<td>10.6 - 10.7</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.27 - 1.29</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity (cps)</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>No information available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
</tr>
<tr>
<td>Wt. % Solids</td>
<td>70 - 80</td>
</tr>
<tr>
<td>Vol. % Solids</td>
<td>65 - 75</td>
</tr>
<tr>
<td>Wt. % Volatiles</td>
<td>20 - 30</td>
</tr>
<tr>
<td>Vol. % Volatiles</td>
<td>25 - 35</td>
</tr>
<tr>
<td>VOC Regulatory Limit (g/L)</td>
<td>&lt; 340</td>
</tr>
<tr>
<td>Boiling Point (°F)</td>
<td>237.2</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>114</td>
</tr>
<tr>
<td>Freezing point (°F)</td>
<td>No information available</td>
</tr>
<tr>
<td>Freezing Point (°C)</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point (°F)</td>
<td>80</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>27</td>
</tr>
<tr>
<td>Method</td>
<td>PMCC</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Autoignition Temperature (°F)</td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition Temperature (°C)</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition Temperature (°F)</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
</tr>
</tbody>
</table>

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. Sparks. Elevated temperature.

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
Contact with eyes may cause irritation.

Skin contact
May cause skin irritation and/or dermatitis. Prolonged skin contact may defat the skin and produce dermatitis.

Inhalation
Harmful by 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.

Ingestion
Harmful if swallowed. 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.

Sensitization
May cause an allergic skin reaction.

Neurological Effects
No information available.

Mutagenic Effects
No information available.

Reproductive Effects
May damage fertility or the unborn child.

Developmental Effects
No information available.

Target organ effects
No information available.

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

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

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

<table>
<thead>
<tr>
<th>Composite</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATEmix (oral)</td>
<td>8396 mg/kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATEmix (dermal)</td>
<td>7299 mg/kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATEmix (inhalation-dust/mist)</td>
<td>8.5 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATEmix (inhalation-vapor)</td>
<td>482.3 mg/L</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Component Information**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4-isopropylidenediphenol-epichlorohydrin copolymer 25068-38-6</td>
<td>= 11400 mg/kg ( Rat )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Xylene 1330-20-7</td>
<td>= 3500 mg/kg ( Rat )</td>
<td>&gt; 4350 mg/kg ( Rabbit )</td>
<td>= 29.08 mg/L ( Rat ) 4 h</td>
</tr>
<tr>
<td>Propylene glycol monomethyl ether 107-98-2</td>
<td>= 5000 mg/kg ( Rat )</td>
<td>= 13 g/kg ( Rabbit )</td>
<td>&gt; 7559 ppm ( Rat ) 6 h</td>
</tr>
<tr>
<td>2-Pentanone, 4-methyl-108-10-1</td>
<td>= 2080 mg/kg ( Rat )</td>
<td>= 3000 mg/kg ( Rabbit )</td>
<td>= 8.2 mg/L ( Rat ) 4 h</td>
</tr>
<tr>
<td>Ethyl benzene 100-41-4</td>
<td>= 3500 mg/kg ( Rat )</td>
<td>= 15400 mg/kg ( Rabbit )</td>
<td>= 17.2 mg/L ( Rat ) 4 h</td>
</tr>
<tr>
<td>n-Butyl alcohol 71-36-3</td>
<td>= 700 mg/kg ( Rat ) = 790 mg/kg ( Rat )</td>
<td>= 3402 mg/kg ( Rabbit ) = 3400 mg/kg ( Rabbit )</td>
<td>&gt; 8000 ppm ( Rat ) 4 h</td>
</tr>
<tr>
<td>Silica, crystalline 14808-60-7</td>
<td>= 500 mg/kg ( Rat )</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Carcinogenicity**

The information below indicates whether each agency has listed any ingredient as a carcinogen:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>IARC</th>
<th>NTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Pentanone, 4-methyl-</td>
<td>2B - Possible Human Carcinogen</td>
<td></td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>2B - Possible Human Carcinogen</td>
<td></td>
</tr>
<tr>
<td>Silica, crystalline</td>
<td>1 - Human Carcinogen</td>
<td>Known Human Carcinogen</td>
</tr>
</tbody>
</table>

- crystalline Silica has been determined to be carcinogenic to humans by IARC (1) when in respirable form. Risk of cancer depends on duration and level of inhalation exposure to spray mist or dust from sanding the dried paint.

**Legend**

IARC - International Agency for Research on Cancer
NTP - National Toxicity Program
OSHA - Occupational Safety & Health Administration

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
There is no data for this product.

Mobility in Environmental Media
No information available.

Ozone
No information available

Component Information

Acute Toxicity to Fish
4,4-isopropylidenediphenol-epichlorohydrin copolymer
LC50: 1.5 mg/L (Rainbow Trout - 96 hr.)
Xylene
LC50: 13.5 mg/L (Rainbow Trout - 96 hr.)
Ethyl benzene
LC50: 12.1 mg/L (Fathead Minnow - 96 hr.)

Acute Toxicity to Aquatic Invertebrates
Ethyl benzene
EC50: 1.8 mg/L (Daphnia magna - 48 hr.)

Acute Toxicity to Aquatic Plants
Ethyl benzene
EC50: 4.6 mg/L (Green algae (Scenedesmus subspicatus), 72 hrs.)

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method
Dispose of in accordance with federal, state, provincial, 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

TDG
Proper Shipping Name: PAINT
Hazard class: 3
UN-No.: UN1263
Packing Group: III
Description: UN1263, PAINT, 3, III

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
Yes - All components are listed or exempt.

National Pollutant Release Inventory (NPRI)

NPRI Parts 1-4
This product contains the following Parts 1-4 NPRI chemicals:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>NPRI Parts 1-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>7 - 13%</td>
<td>Listed</td>
</tr>
<tr>
<td>2-Pentanone, 4-methyl-</td>
<td>108-10-1</td>
<td>1 - 5%</td>
<td>Listed</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>1 - 5%</td>
<td>Listed</td>
</tr>
<tr>
<td>n-Butyl alcohol</td>
<td>71-36-3</td>
<td>1 - 5%</td>
<td>Listed</td>
</tr>
</tbody>
</table>

NPRI Part 5
This product contains the following NPRI Part 5 Chemicals:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>NPRI Part 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>7 - 13%</td>
<td>Listed</td>
</tr>
<tr>
<td>2-Pentanone, 4-methyl-</td>
<td>108-10-1</td>
<td>1 - 5%</td>
<td>Listed</td>
</tr>
</tbody>
</table>

WHMIS Regulatory Status

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR)
and the SDS contains all the information required by the HPR.

16. OTHER INFORMATION

<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>3</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, 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 logging onto Health Canada at http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php.

**Prepared By**

Product Stewardship Department
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
800-225-5554

**Revision Date:** 07-Nov-2019
**Reason for revision:** Not available

**Disclaimer**

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End of Safety Data Sheet