1. Identification

Product identifier

Product Name
BENJAMIN MOORE FAST DRY POLYAMIDE EPOXY COATING CATALYST

Other means of identification

Product Code
V410-90

Alternate Product Code
V41090

UN-No.
UN1263

Synonyms
No information available

Recommended use of the chemical and restrictions on use

Recommended use
Industrial paint

Restrictions on use
No information available

Details of the supplier of the safety data sheet

Initial Supplier Identifier
Benjamin Moore & Co. Ltd.
8775 Keele Street
Concord, ON L4K 2N1
www.benjaminmoore.ca
Telephone: 1-800-361-5898

Manufacturer Address
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
www.benjaminmoore.com
Telephone: 1-855-724-6802

Emergency telephone number

Initial supplier phone number
1-800-361-5898

Company Phone Number
1-855-724-6802

Emergency Telephone
CHEMTREC (US): 800-424-9300
CHEMTREC (outside US): (703)-527-3887
CANUTEC: 613-996-6666 (CND)

2. Hazard(s) identification

Classification

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</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 1</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Category 1</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Category 1</td>
</tr>
</tbody>
</table>
Carcinogenicity | Category 2  
Reproductive toxicity | Category 2  
Specific target organ toxicity (single exposure) | Category 3  
Specific target organ toxicity (repeated exposure) | Category 1  
Aspiration hazard | Category 1  
Flammable liquids | Category 3  

Appearance | clear, light colored liquid  
Physical state | Liquid  
Odor | No information available

**Label elements**

**Danger**

**Hazard statements**
- Causes skin irritation
- Causes serious eye damage
- May cause allergy or asthma symptoms or breathing difficulties if inhaled
- May cause an allergic skin reaction
- Suspected of causing cancer
- Suspected of damaging fertility or the unborn child
- May cause respiratory irritation
- Causes damage to organs through prolonged or repeated exposure
- May be fatal if swallowed and enters airways
- Flammable liquid and vapor

**Precautionary Statements - Prevention**
- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Wear protective gloves/protective clothing/eye protection/face protection
- Wash face, hands and any exposed skin thoroughly after handling
- In case of inadequate ventilation wear respiratory protection
- Contaminated work clothing must 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
- Use only outdoors or in a well-ventilated area
- 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 and lighting equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Keep cool

**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
  - Immediately call a POISON CENTER or doctor
- **Skin**
  - If skin irritation or rash occurs: Get medical advice/attention
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
Wash contaminated clothing before reuse.

Inhalation
If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting.

Fire
In case of fire: Use CO2, dry chemical, or foam to extinguish.

Precautionary Statements - Storage
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.

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

Other information
Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

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 ingredients

#### Substance

Not applicable.

#### Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade secret</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>Limestone</td>
<td>1317-65-3</td>
<td>15 - 40</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Talc</td>
<td>14807-96-6</td>
<td>10 - 30</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Polyamine adduct</td>
<td>Trade Secret</td>
<td>7 - 13</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>5 - 10</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>5 - 10</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Silica, mica</td>
<td>12001-26-2</td>
<td>5 - 10</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Solvent naphtha, petroleum, light aromatic</td>
<td>64742-95-6</td>
<td>1 - 5</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>95-63-6</td>
<td>1 - 5</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Isophoronediamine</td>
<td>2855-13-2</td>
<td>1 - 5</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Phenol, 2,4,6-tris[(dimethylamino)methyl]</td>
<td>90-72-2</td>
<td>0.5 - 1.5</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Amine-Epoxy Resin Adduct</td>
<td>Trade Secret</td>
<td>0.5 - 1.5</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Nonylphenol</td>
<td>84852-15-3</td>
<td>0.1 - 1.0</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Triethylenetetramine</td>
<td>112-24-3</td>
<td>0.1 - 1.0</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Bis[(dimethylamino)methyl] phenol</td>
<td>71074-89-0</td>
<td>0.1 - 1.0</td>
<td>*</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.
4. First-aid measures

**Description of first aid measures**

**General advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

**Inhalation**

Remove to fresh air. May cause allergic respiratory reaction. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get immediate medical advice/attention. Aspiration into lungs can produce severe lung damage. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Get immediate medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. May produce an allergic reaction. Get immediate medical advice/attention. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

**Self-protection of the first aider**

Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

**Most important symptoms and effects, both acute and delayed**

**Symptoms**

Burning sensation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/ or wheezing. Itching. Rashes. Hives. Difficulty in breathing. Dizziness.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians**

May cause sensitization in susceptible persons. Treat symptomatically. Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

5. Fire-fighting measures

**Suitable Extinguishing Media**

Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact. May cause sensitization by skin contact.
Explosion Data

Sensitivity to mechanical impact: No

Sensitivity to static discharge: Yes

Special protective equipment for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions:
Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flames, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other information:
Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment:
Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up:
Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling:
Use personal protective equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Provide extract ventilation to points where emissions occur. In case of insufficient ventilation, wear suitable respiratory equipment. Remove contaminated clothing and shoes. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions:
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials.

8. Exposure controls/personal protection
## Control parameters

### Exposure Limits

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone 1317-65-3</td>
<td>-</td>
<td>15 mg/m³ - TWA</td>
<td>-</td>
</tr>
<tr>
<td>Talc 14807-96-6</td>
<td>2 mg/m³ - TWA</td>
<td>20 mppcf - TWA</td>
<td>1000 mg/m³ IDLH (containing no asbestos and &lt;1% quartz)</td>
</tr>
<tr>
<td>Xylene 1330-20-7</td>
<td>100 ppm - TWA</td>
<td>100 ppm - TWA</td>
<td>-</td>
</tr>
<tr>
<td>Silica, mica 12001-26-2</td>
<td>3 mg/m³ - TWA</td>
<td>20 mppcf - TWA</td>
<td>1500 mg/m³ IDLH (containing &lt;1% quartz)</td>
</tr>
<tr>
<td>Ethyl benzene 100-41-4</td>
<td>20 ppm - TWA</td>
<td>100 ppm - TWA</td>
<td>800 ppm IDLH (10% LEL)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Alberta</th>
<th>British Columbia</th>
<th>Ontario</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone 1317-65-3</td>
<td>10 mg/m³ - TWA</td>
<td>10 mg/m³ - TWA</td>
<td>3 mg/m³ - TWA</td>
<td>10 mg/m³ - TWA</td>
</tr>
<tr>
<td>Talc 14807-96-6</td>
<td>2 mg/m³ - TWA</td>
<td>2 mg/m³ - TWA</td>
<td>2 mg/m³ - TWA</td>
<td>3 mg/m³ - TWA</td>
</tr>
<tr>
<td>Xylene 1330-20-7</td>
<td>100 ppm - TWA</td>
<td>100 ppm - TWA</td>
<td>100 ppm - TWA</td>
<td>100 ppm - TWA</td>
</tr>
<tr>
<td>Silica, mica 12001-26-2</td>
<td>3 mg/m³ - TWA</td>
<td>3 mg/m³ - TWA</td>
<td>3 mg/m³ - TWA</td>
<td>3 mg/m³ - TWA</td>
</tr>
<tr>
<td>Ethyl benzene 100-41-4</td>
<td>100 ppm - TWA</td>
<td>434 mg/m³ - TWA</td>
<td>20 ppm - TWA</td>
<td>100 ppm - TWA</td>
</tr>
<tr>
<td>Triethylenetetramine 112-24-3</td>
<td>-</td>
<td>-</td>
<td>0.5 ppm - TWA</td>
<td>3 mg/m³ - TWA</td>
</tr>
</tbody>
</table>

### Appropriate engineering controls

#### Engineering controls
- Showers
- Eyewash stations
- Ventilation systems.

#### Individual protection measures, such as personal protective equipment

#### Eye/face protection
- Tight sealing safety goggles.

#### Hand protection
- Wear suitable gloves. Impervious gloves.

#### Skin and body protection
- Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

#### Respiratory protection
- In case of insufficient ventilation wear suitable respiratory equipment.

#### General hygiene considerations
- Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Remove and wash contaminated clothing and gloves, including the inside, before re-use.
9. Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>clear, light colored liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>100 °C / 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>27 °C / 81 °F</td>
<td>PMCC</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Upper flammability or explosive limits</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability or explosive limits</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>no data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.48 - 1.52</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
</tbody>
</table>

Other information

| Explosive properties            | No information available | |
| Oxidizing properties            | No information available | |
| Softening Point                 | No information available | |
| Molecular Weight                | No information available | |
| VOC Regulatory Limit (g/L)      | <=250                  | |
| Density (lbs/gal)               | 12.4 - 12.7            | |
| Bulk density                    | No information available | |

10. Stability and reactivity

Reactivity

No information available.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials


Hazardous decomposition products

None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure
Product Information

Inhalation
Specific test data for the substance or mixture is not available. May cause sensitization in susceptible persons. (based on components). Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.

Eye contact
Specific test data for the substance or mixture is not available. Severely irritating to eyes. Causes serious eye damage. May cause burns. May cause irreversible damage to eyes. (based on components).

Skin contact
Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May cause sensitization by skin contact. Repeated exposure may cause skin dryness or cracking. Causes skin irritation.

Ingestion
Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause additional affects as listed under "Inhalation". Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms
Redness. Burning. May cause blindness. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Coughing and/ or wheezing. Itching. Rashes. Hives. Difficulty in breathing. Dizziness. May cause redness and tearing of the eyes.

Acute toxicity

Numerical measures of toxicity

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

<table>
<thead>
<tr>
<th>ATEmix (oral)</th>
<th>ATEmix (dermal)</th>
<th>ATEmix (inhalation-dust/mist)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,268.50 mg/kg</td>
<td>5,659.40 mg/kg</td>
<td>8.13 mg/l</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>Polyamine adduct</td>
<td>&lt; 2000 mg/kg</td>
<td>&gt;2000 mg/kg</td>
<td>= 5.0 mg/L (Rat) 4 h</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>Benzyl alcohol 100-51-6</td>
<td>= 1230 mg/kg (Rat)</td>
<td>= 2 g/kg (Rabbit)</td>
<td>= 8.8 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Solvent naphtha, petroleum, light aromatic 64742-95-6</td>
<td>= 8400 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>= 3400 ppm (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>1,2,4-Trimethylbenzene 95-63-6</td>
<td>= 3280 mg/kg (Rat)</td>
<td>&gt; 3160 mg/kg (Rabbit)</td>
<td>= 18 g/m³ (Rat) 4 h</td>
</tr>
<tr>
<td>Isophoronediamine 2855-13-2</td>
<td>= 1030 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Phenol, 2,4,6-tris[(dimethylamino)methyl]</td>
<td>= 1200 mg/kg (Rat)</td>
<td>= 1280 mg/kg (Rat)</td>
<td>-</td>
</tr>
</tbody>
</table>
Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation
Classification based on data available for ingredients. Irritating to skin.

Serious eye damage/eye irritation
Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.

Respiratory or skin sensitization
May cause sensitization by inhalation. May cause sensitization by skin contact.

Germ cell mutagenicity
No information available.

Carcinogenicity
Classification based on data available for ingredients.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl benzene 100-41-4</td>
<td>A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans</td>
<td>2B - Possible Human Carcinogen</td>
<td>-</td>
<td>Listed</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
ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans

Reproductive toxicity
Classification based on data available for ingredients.

STOT - single exposure
May cause respiratory irritation.

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

Aspiration hazard
May be fatal if swallowed and enters airways.

12. Ecological information

Ecotoxicity

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc 14807-96-6</td>
<td>-</td>
<td>LC50 &gt; 100 g/L Brachydanio rerio (96 h)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Xylene 1330-20-7</td>
<td>-</td>
<td>LC50 = 13.4 mg/L Pimephales promelas (96 h)</td>
<td>LC50 = 0.0084 mg/L (24 h)</td>
<td>LC50 = 0.6 mg/L (48 h)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 13.5 - 17.3 mg/L Oncorhynchus mykiss (96 h)</td>
<td>EC50 = 3.82 mg/L (48 h)</td>
<td>EC50 = 3.82 mg/L (48 h)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 2.681 - 4.093 mg/L Oncorhynchus mykiss (96 h)</td>
<td>LC50 = 3.53 - 29.97 mg/L Pimephales promelas (96 h)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 19 mg/L Lepomis macrochirius (96 h)</td>
<td>LC50 = 30.26 - 40.75 mg/L Poecilia reticula (96 h)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 23.53 - 29.97 mg/L Pimephales promelas (96 h)</td>
<td>LC50 = 780 mg/L Cyprinus carpio (96 h)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 13.1 16.5 mg/L Lepomis macrochirius (96 h)</td>
<td>LC50 &gt; 780 mg/L Cyprinus carpio (96 h)</td>
<td></td>
</tr>
</tbody>
</table>
Persistence / Degradability
No information available.

Bioaccumulation
No information available.

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene 1330-20-7</td>
<td>3.15</td>
</tr>
<tr>
<td>Benzyl alcohol 100-51-6</td>
<td>1.1</td>
</tr>
<tr>
<td>Ethyl benzene 100-41-4</td>
<td>3.118</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene 95-63-6</td>
<td>3.63</td>
</tr>
<tr>
<td>Isophoronediamine 2855-13-2</td>
<td>0.79</td>
</tr>
<tr>
<td>Triethylenetetramine 112-24-3</td>
<td>-1.4</td>
</tr>
</tbody>
</table>

Other adverse effects
No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products
Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging
Empty containers pose a potential fire and explosion hazard. Do not cut, puncture of weld containers.

14. Transport information
15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer not applicable

The Stockholm Convention on Persistent Organic Pollutants not applicable

The Rotterdam Convention not applicable

International Inventories

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

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

EINECS/ELINCS Contact supplier for inventory compliance status.

ENCS Contact supplier for inventory compliance status.

IECSC Contact supplier for inventory compliance status.

KECL Contact supplier for inventory compliance status.

PICCS Contact supplier for inventory compliance status.

AICS Contact supplier for inventory compliance status.
Federal Regulations

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>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene - 1330-20-7</td>
<td>1.0</td>
</tr>
<tr>
<td>Ethyl benzene - 100-41-4</td>
<td>0.1</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene - 95-63-6</td>
<td>1.0</td>
</tr>
</tbody>
</table>

CWA (Clean Water Act)
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene 1330-20-7</td>
<td>100 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Ethyl benzene 100-41-4</td>
<td>1000 lb</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

CAA (Clean Air Act)
This product contains the following hazardous air pollutants (HAPs), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAA (Clean Air Act)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene 1330-20-7</td>
<td>X</td>
</tr>
<tr>
<td>Ethyl benzene 100-41-4</td>
<td>X</td>
</tr>
</tbody>
</table>

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>SARA RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene 1330-20-7</td>
<td>100</td>
<td>-</td>
<td>100 lb 45.4 kg</td>
</tr>
<tr>
<td>Ethyl benzene 100-41-4</td>
<td>1000</td>
<td>-</td>
<td>1000 lb 454 kg</td>
</tr>
</tbody>
</table>

US State Regulations

California Proposition 65

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

State Right-to-Know
### 16. Other information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone 1317-65-3</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Talc 14807-96-6</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Xylene 1330-20-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Benzyl alcohol 100-51-6</td>
<td>-</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Silica, mica 12001-26-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Ethyl benzene 100-41-4</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene 95-63-6</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Silica, crystalline 14808-60-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**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.

**HMIS**

Health: 2*  
Flammability: 3  
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.

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.
Key or legend to abbreviations and acronyms used in the safety data sheet

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/E</td>
<td>Not established</td>
</tr>
<tr>
<td>TWA</td>
<td>TWA (time-weighted average)</td>
</tr>
<tr>
<td>Ceiling</td>
<td>Maximum limit value</td>
</tr>
<tr>
<td>N/A</td>
<td>Not applicable</td>
</tr>
<tr>
<td>STEL</td>
<td>STEL (Short Term Exposure Limit)</td>
</tr>
</tbody>
</table>

Key literature references and sources for data used to compile the SDS

- Agency for Toxic Substances and Disease Registry (ATSDR)
- U.S. Environmental Protection Agency ChemView Database
- European Food Safety Authority (EFSA)
- EPA (Environmental Protection Agency)
- Acute Exposure Guideline Level(s) (AEGL(s))
- U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
- U.S. Environmental Protection Agency High Production Volume Chemicals
- Food Research Journal
- Hazardous Substance Database
- International Uniform Chemical Information Database (IUCLID)
- Japan GHS Classification
- Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
- NIOSH (National Institute for Occupational Safety and Health)
- National Library of Medicine's ChemID Plus (NLM CIP)
- National Library of Medicine's PubMed database (NLM PUBMED)
- National Toxicology Program (NTP)
- New Zealand’s Chemical Classification and Information Database (CCID)
- Organization for Economic Co-operation and Development High Production Volume Chemicals Program
- Organization for Economic Co-operation and Development Screening Information Data Set
- RTECS (Registry of Toxic Effects of Chemical Substances)
- World Health Organization

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

Issuing Date
24-Jan-2019

Revision Date:
24-Jan-2019

Revision Summary
Not available.

Disclaimer
The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

End of MSDS