1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ARBORCOAT EXTERIOR WATERBORNE TRANSLUCENT DECK & SIDING STAIN MAHOGANY
Product Code: W62360
Alternate Product Code: W62360
Product Class: LATEX STAIN
Color: Dark brown
Recommended use: STAIN
Restrictions on use: No information available

Manufacturer
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 1-866-708-9180
www.benjaminmoore.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>Skin sensitization</th>
<th>Category 1A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germ cell mutagenicity</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Category 1B</td>
</tr>
</tbody>
</table>

Label elements

Danger

Hazard statements
May cause an allergic skin reaction
May cause genetic defects
May damage fertility or the unborn child
Appearance  liquid  Odor  little or no odor

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
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention
Skin
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

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

3. COMPOSITION INFORMATION ON COMPONENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica amorphous</td>
<td>7631-86-9</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>112-34-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester</td>
<td>10605-21-7</td>
<td>0.1 - 0.5</td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-{3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl yethyl)-4-hydroxyphenyl]-1-oxopropyl},.omega.-h ydroxy-</td>
<td>104810-48-2</td>
<td>0.1 - 0.5</td>
</tr>
<tr>
<td>Decanedioic acid, bis{1,2,2,6,6-pentamethyl-4-piperidinyl} ester</td>
<td>41556-26-7</td>
<td>0.1 - 0.5</td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-{3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl yethyl)-4-hydroxyphenyl]-1-oxopropyl},.omega.-</td>
<td>104810-47-1</td>
<td>0.1 - 0.5</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

General Advice
No hazards which require special first aid measures.

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

<table>
<thead>
<tr>
<th>Method</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point (°F)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash point (°C)</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

Flammability Limits In Air

<table>
<thead>
<tr>
<th>Limit</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower flammability limit:</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica amorphous</td>
<td>N/E</td>
<td>20 mppcf - TWA</td>
</tr>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>10 ppm - TWA</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
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)  8.65 - 8.75
Specific Gravity  1.03 - 1.05
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  No information available
Vapor density  No information available
Wt. % Solids  25 - 35
Vol. % Solids  25 - 35
Wt. % Volatiles  65 - 75
Vol. % Volatiles  65 - 75
VOC Regulatory Limit (g/L)  < 100
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** May cause slight irritation.

**Skin contact** Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.

**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** May damage fertility or 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

<table>
<thead>
<tr>
<th>Component Information</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica amorphous 7631-86-9</td>
<td>&gt; 5000 mg/kg ( Rat )</td>
<td>&gt; 2000 mg/kg ( Rabbit )</td>
<td>&gt; 2.2 mg/L ( Rat ) 1 h</td>
</tr>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-112-34-5</td>
<td>= 5660 mg/kg ( Rat )</td>
<td>= 2700 mg/kg ( Rabbit )</td>
<td>-</td>
</tr>
<tr>
<td>Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester 10605-21-7</td>
<td>= 6400 mg/kg ( Rat )</td>
<td>= 2 g/kg ( Rat ) = 8500 mg/kg ( Rabbit )</td>
<td>-</td>
</tr>
<tr>
<td>Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidyl)</td>
<td>= 2615 mg/kg ( Rat )</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
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
There is no data for this product.

Mobility in Environmental Media
No information available.

Ozone
No information available

Component Information

Acute Toxicity to Fish
Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester
LC50: 1.5 mg/L (Rainbow Trout - 96 hr.)
Carbamic acid, butyl-, 3-iodo-2-propynyl ester
LC50: 230 µg/L (Bluegill sunfish - 96 hr.)

Acute Toxicity to Aquatic Invertebrates
Ethanol, 2-(2-butoxyethoxy)-
EC50: 100 mg/L (Daphnia - 48 hr.)
Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester  
LC50: 0.22 mg/L (water flea - 48 hr.)

**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**
  - Yes
- **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:

<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>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>112-34-5</td>
<td>1 - 5</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:
Chemical name | CAS No. | Weight-% | Hazardous Air Pollutant (HAP) | Listed
--- | --- | --- | --- | ---
Ethanol, 2-(2-butoxyethoxy)-(179,222),(353,234) | 112-34-5 | 1 - 5 | Listed

**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>Silica amorphous</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Carbamic acid, butyl-, 3-iodo-2-propynyl ester</td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

**Legend**

X - Listed

**16. OTHER INFORMATION**

HMIS - Health: 2* 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.

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:  01-Jul-2019
Revision Summary  Not available

Disclaimer
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End of Safety Data Sheet