1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ARBORCOAT EXTERIOR WATERBORNE TRANSLUCENT DECK & SIDING STAIN SILVER GRAY
Product Code: Y62370
Alternate Product Code: Y62370
Product Class: LATEX STAIN
Color: Gray
Recommended use: STAIN
Restrictions on use: No information available

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

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

Emergency Telephone
CANUTEC: 613-996-6666

2. HAZARDS IDENTIFICATION

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

<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

### Other information
- No information available

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### 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>Silica amorphous</td>
<td>7631-86-9</td>
<td>1 - 5%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>1 - 5%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>112-34-5</td>
<td>1 - 5%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester</td>
<td>10605-21-7</td>
<td>0.25 - 0.5%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydro</td>
<td>104810-48-2</td>
<td>0.25 - 0.5%</td>
<td>-</td>
<td>-</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
Flash point (°F)  
Not applicable
Flash Point (°C)  
Not applicable
Method  
Not applicable

Flammability Limits In Air
Lower flammability limit:  
Not applicable
Upper flammability limit:  
Not applicable

NFPA Health: 2  Flammability: 0  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  
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
**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>little or no odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Density (lbs/gal)</td>
<td>8.7 - 8.8</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.04 - 1.06</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>25 - 35</td>
</tr>
<tr>
<td>Vol. % Solids</td>
<td>25 - 35</td>
</tr>
<tr>
<td>Wt. % Volatiles</td>
<td>65 - 75</td>
</tr>
<tr>
<td>Vol. % Volatiles</td>
<td>65 - 75</td>
</tr>
<tr>
<td>VOC Regulatory Limit (g/L)</td>
<td>&lt; 100</td>
</tr>
<tr>
<td>Boiling Point (°F)</td>
<td>212</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>100</td>
</tr>
<tr>
<td>Freezing point (°F)</td>
<td>32</td>
</tr>
<tr>
<td>Freezing Point (°C)</td>
<td>0</td>
</tr>
<tr>
<td>Flash point (°F)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Method</td>
<td>Not applicable</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>
</tbody>
</table>
Y62370 - ARBORCOAT EXTERIOR WATERBORNE
TRANSLUCENT DECK & SIDING STAIN SILVER GRAY

Revision Date: 01-Jul-2019

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<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.
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

ATEmix (oral) 169791 mg/kg
ATEmix (dermal) 93045 mg/kg
ATEmix (inhalation-dust/mist) 390 mg/L

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>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>Titanium dioxide 13463-67-7</td>
<td>&gt; 10000 mg/kg (Rat)</td>
<td>-</td>
<td>-</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-piperidinyl) ester 41556-26-7</td>
<td>= 2615 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ammonium hydroxide 1336-21-6</td>
<td>= 350 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Carbamic acid, butyl-, 3-iodo-2-propynyl ester 55406-53-6</td>
<td>= 1100 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Component Sensitization
Poly(oxy-1,2-ethanediyl), alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-104810-48-2 (0.25 - 0.5%) May cause sensitization by skin contact
Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester 41556-26-7 (0.25 - 0.5%) May cause sensitization by skin contact
Poly(oxy-1,2-ethanediyl), alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxoprop 104810-47-1 (0.25 - 0.5%) May cause sensitization by skin contact

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>Titanium dioxide</td>
<td>2B - Possible Human Carcinogen</td>
<td></td>
</tr>
</tbody>
</table>

- Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as 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
Titanium dioxide
LC50: > 1000 mg/L (Fathead Minnow - 96 hr.)
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
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.

14. TRANSPORT INFORMATION

TDG
Not regulated

ICAO / IATA
Not regulated

IMDG / IMO
Not regulated

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:
None

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>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>112-34-5</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
**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 @ 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:** 01-Jul-2019  
**Reason for revision** Not available

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**End of Safety Data Sheet**