



# SAFETY DATA SHEET

Revision Date: 11-Aug-2021

Revision Number: 5

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** ARBORCOAT EXTERIOR WATERBORNE TRANSLUCENT DECK & SIDING STAIN MAHOGANY  
**Product Code** Y62360  
**Alternate Product Code** Y62360  
**Product Class** LATEX STAIN  
**Color** Dark brown  
**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/en-ca](http://www.benjaminmoore.com/en-ca)

**Manufacturer**  
Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
Phone: 1-866-708-9180  
[www.benjaminmoore.com](http://www.benjaminmoore.com)

**Emergency Telephone**  
CHEMTREC: +1 703-741-5970 / 1-800-424-9300  
+1 703-527-3887 (outside US & Canada)  
CANUTEC: 613-996-6666 (Transport Emergency Only)

## 2. HAZARDS IDENTIFICATION

### Classification

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

Skin sensitization	Category 1A
Germ cell mutagenicity	Category 1B
Reproductive toxicity	Category 1B

### 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

**WARNING:** This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

**3. COMPOSITION INFORMATION ON COMPONENTS**

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Silica amorphous	7631-86-9	1 - 5%	-	-
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	1 - 5%	-	-
Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester	10605-21-7	0.25 - 0.5%	-	-

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%	-	-
Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester	41556-26-7	0.25 - 0.5%	-	-
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%	-	-
Ammonium hydroxide	1336-21-6	0.1 - 0.25%	-	-
Carbamic acid, butyl-, 3-iodo-2-propynyl ester	55406-53-6	0.1 - 0.25%	-	-
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidiny ester	82919-37-7	0.1 - 0.25%	-	-

\*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**

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](http://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

Chemical name	ACGIH TLV	Alberta	British Columbia	Ontario	Quebec
Ethanol, 2-(2-butoxyethoxy)-	TWA: 10 ppm inhalable fraction and vapor	N/E	N/E	10 ppm - TWA	N/E

#### 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.

#### 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

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**

Suspected of causing genetic defects.

**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

<b>ATEmix (oral)</b>	220609 mg/kg
<b>ATEmix (dermal)</b>	94323 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	387.4 mg/L

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Silica amorphous 7631-86-9	= 7900 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 2.2 mg/L ( Rat ) 1 h
Ethanol, 2-(2-butoxyethoxy)- 112-34-5	= 5660 mg/kg ( Rat )	= 2700 mg/kg ( Rabbit )	-
Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester 10605-21-7	> 5050 mg/kg ( Rat )	> 10000 mg/kg ( Rabbit )	-
Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidi nyl) ester 41556-26-7	= 2615 mg/kg ( Rat )	-	-
Ammonium hydroxide 1336-21-6	= 350 mg/kg ( Rat )	-	-
Carbamic acid, butyl-, 3-iodo-2-propynyl ester 55406-53-6	= 1470 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	= 0.67 mg/L ( Rat ) 4 h = 0.63 mg/L ( Rat ) 4 h = 0.99 mg/L ( Rat ) 4 h

**Chronic Toxicity**

**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

## 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:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>NPRI Part 5</u>
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	1 - 5%	Listed

### 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

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

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*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-sem/contaminants/lead-plomb/asked\\_questions-questions\\_posees-eng.php](http://www.hc-sc.gc.ca/ewh-sem/contaminants/lead-plomb/asked_questions-questions_posees-eng.php).

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**Disclaimer**

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**End of Safety Data Sheet**