



SAFETY DATA SHEET

Revision Date: 06-Dec-2016

Revision Number: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ARBORCOAT WATERBORNE TRANSLUCENT DECK & SIDING STAIN NATURAL
Product Code Y62310
Alternate Product Code Y62310
Product Class LATEX STAIN
Color Light 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

Manufacturer
Benjamin Moore & Co.
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Montvale, NJ 07645
Phone: 855-724-6802
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Emergency Telephone Number(s)
CANUTEC: 613-996-6666

2. HAZARDS IDENTIFICATION

Classification

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

| | |
|--------------------|-------------|
| Skin sensitization | Category 1A |
| Carcinogenicity | Category 2 |

Label elements

Warning

Hazard statements

May cause an allergic skin reaction
Suspected of causing cancer



Appearance Light brown 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/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 attention

Skin

If on skin wash with plenty of soap and water
If skin irritation or rash occurs get medical 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

3. COMPOSITION INFORMATION ON COMPONENTS

| Chemical Name | CAS-No | Weight % (max) |
|---|-------------|----------------|
| Silica, amorphous | 7631-86-9 | 1 - 5% |
| Ethanol, 2-(2-butoxyethoxy)- | 112-34-5 | 1 - 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)l ester | 41556-26-7 | 0.25 - 0.5% |
| Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl- | 330-54-1 | 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% |

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 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 |
| Flash Point Method | Not applicable |
| Flammability Limits In Air | |
| Lower Explosion Limit | Not applicable |
| Upper Explosion Limit | Not applicable |

NFPA Health: 1 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 Clean-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 | Alberta | British Columbia | Ontario | Quebec |
|---|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|
| Ethanol, 2-(2-butoxyethoxy)- | 10 ppm - TWA | N/E | N/E | 10 ppm - TWA | N/E |
| Urea, N-(3,4-dichlorophenyl)-N,N-di methyl- | 10 mg/m ³ - TWA | 10 mg/m ³ - TWA | 10 mg/m ³ - TWA | 10 mg/m ³ - TWA | 10 mg/m ³ - TWAEV |

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
Respiratory Protection

Protective gloves and impervious clothing.
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 | Light brown liquid |
| Odor | little or no odor |
| Odor Threshold | No information available |
| Density (lbs/gal) | 8.6 - 8.7 |
| Specific Gravity | 1.03 - 1.05 |
| pH | No information available |
| Viscosity (cps) | No information available |
| Solubility | 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 |
| Flash Point Method | Not applicable |
| Flammability (solid, gas) | Not applicable |
| Upper Explosion Limit | Not applicable |
| Lower Explosion 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 (n-octanol/water) | 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

Information on toxicological effects

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

No information available.

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) 220036 mg/kg

ATEmix (dermal) 94078 mg/kg

ATEmix (inhalation-dust/mist) 426.1 mg/L

Component

Silica, amorphous

LD50 Oral: > 5000 mg/kg (Rat)

LD50 Dermal: 2,000 mg/kg (Rabbit)

LC50 Inhalation (Dust): > 2 mg/L

Ethanol, 2-(2-butoxyethoxy)-

LD50 Oral: 3384 mg/kg (Rat)

LD50 Dermal: 2700 mg/kg (Rabbit)

Poly(oxy-1,2-ethanediyl),

.alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-
Sensitization:

May cause sensitization by skin contact

Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidiny)l ester

Sensitization:

May cause sensitization by skin contact

Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-

LD50 Oral: 1017 mg/kg (Rat)

LD50 Dermal: > 5000 mg/kg (Rat)

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

Sensitization:

May cause sensitization by skin contact

Ammonium hydroxide

LD50 Oral: mg/kg (Rat)

Chronic Toxicity

Carcinogenicity

Limited evidence of a carcinogenic effect.

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 / Accumulation

No information available.

Mobility in Environmental Media

No information available.

Ozone

No information available

Component

Acute Toxicity to Fish

Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-

LC50: 3.5 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.)

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:

Chemical Name

CAS-No

Weight % (max)

NPRI Parts 1- 4

Ethanol, 2-(2-butoxyethoxy)- 112-34-5 1 - 5% Listed

NPRI Part 5

This product contains the following NPRI Part 5 Chemicals:

| <u>Chemical Name</u> | <u>CAS-No</u> | <u>Weight % (max)</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: 1* 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 logging onto Health Canada @ http://www.hc-sc.gc.ca/ewh-sem/contaminants/lead-plomb/asked_questions-questions_posees-eng.php.

Prepared By Product Stewardship Department
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Reason For Revision Not available

Disclaimer

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END OF SAFETY DATA SHEET