

## SAFETY DATA SHEET

Revision Date: 21-May-2018

Revision Number: 3

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** ARBORCOAT SEMI-TRANSPARENT DECK & SIDING STAIN  
YELLOW TINT BASE

**Product Code** N63812

**Alternate Product Code** N63812

**Product Class** STAIN

**Color** Yellow

**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)

Skin sensitization	Category 1A
Carcinogenicity	Category 2

#### Label elements

##### Warning

##### Hazard statements

May cause an allergic skin reaction  
Suspected of causing cancer



**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**

Chemical name	CAS No.	Weight-%
Silica, amorphous	7631-86-9	5
Zinc oxide	1314-13-2	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	0.5
Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester	41556-26-7	0.5
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-	330-54-1	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	0.5
Sodium C14-C16 olefin sulfonate	68439-57-6	0.5
Carbamic acid, butyl-, 3-iodo-2-propynyl ester	55406-53-6	0.5
Cobalt neodecanoate	27253-31-2	0.5

**4. FIRST AID MEASURES**

<b>General Advice</b>	No hazards which require special first aid measures.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact</b>	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.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
<b>Most Important Symptoms/Effects</b>	May cause allergic skin reaction.
<b>Notes To Physician</b>	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Protective Equipment And Precautions For Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity To Mechanical Impact</b>	No
<b>Sensitivity To Static Discharge</b>	No
<b>Flash Point Data</b>	
Flash Point (°F)	Not applicable
Flash Point (°C)	Not applicable
Method	Not applicable
<b>Flammability Limits In Air</b>	
Lower flammability limit:	Not applicable
Upper flammability limit:	Not applicable
<b>NFPA</b>	<b>Health: 1</b> <b>Flammability: 0</b> <b>Instability: 0</b> <b>Special: Not Applicable</b>

**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 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 TLV	OSHA PEL
Silica, amorphous	N/E	20 mppcf - TWA
Zinc oxide	2 mg/m <sup>3</sup> - TWA 10 mg/m <sup>3</sup> - STEL	5 mg/m <sup>3</sup> - TWA 15 mg/m <sup>3</sup> - TWA
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-	10 mg/m <sup>3</sup> - TWA	N/E

**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**

<b>Appearance</b>	liquid
<b>Odor</b>	little or no odor
<b>Odor Threshold</b>	No information available
<b>Density (lbs/gal)</b>	8.4 - 8.7
<b>Specific Gravity</b>	1.00 - 1.04
<b>pH</b>	No information available
<b>Viscosity (cps)</b>	No information available
<b>Solubility(ies)</b>	No information available
<b>Water solubility</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Vapor pressure @20 °C (kPa)</b>	No information available
<b>Vapor density</b>	No information available
<b>Wt. % Solids</b>	25 - 35
<b>Vol. % Solids</b>	20 - 30
<b>Wt. % Volatiles</b>	65 - 75
<b>Vol. % Volatiles</b>	70 - 80
<b>VOC Regulatory Limit (g/L)</b>	< 100
<b>Boiling Point (°F)</b>	212
<b>Boiling Point (°C)</b>	100
<b>Freezing Point (°F)</b>	32
<b>Freezing Point (°C)</b>	0
<b>Flash Point (°F)</b>	Not applicable
<b>Flash Point (°C)</b>	Not applicable
<b>Method</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper flammability limit:</b>	Not applicable
<b>Lower flammability limit:</b>	Not applicable
<b>Autoignition Temperature (°F)</b>	No information available
<b>Autoignition Temperature (°C)</b>	No information available
<b>Decomposition Temperature (°F)</b>	No information available
<b>Decomposition Temperature (°C)</b>	No information available
<b>Partition coefficient</b>	No information available

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not Applicable
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Prevent from freezing.
<b>Incompatible Materials</b>	No materials to be especially mentioned.
<b>Hazardous Decomposition Products</b>	None under normal use.
<b>Possibility of hazardous reactions</b>	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

<b>Eye contact</b>	May cause slight irritation.
<b>Skin contact</b>	Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Sensitization</b>	May cause an allergic skin reaction
<b>Neurological Effects</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Target organ effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Other adverse effects</b>	No information available.
<b>Aspiration Hazard</b>	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>	369309
<b>ATEmix (dermal)</b>	147724
<b>ATEmix (inhalation-dust/mist)</b>	447.4 mg/L

#### Component Information

##### Silica, amorphous

LD50 Oral: > 5000 mg/kg (Rat)

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

LC50 Inhalation (Dust): > 2 mg/L

##### Zinc oxide

LD50 Oral: 5000 mg/kg (Rat)

LC50 Inhalation (Dust): > 5700 mg/m<sup>3</sup> (Rat, 4 hr.)

##### Poly(oxy-1,2-ethanediy),

.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-piperidinyl) 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

Cobalt neodecanoate

LD50 Oral: 3900 mg/kg (Rat)

### Carcinogenicity

The information below indicates whether each agency has listed any ingredient as a carcinogen:

Chemical name	IARC	NTP	OSHA
Cobalt neodecanoate	2B - Possible Human Carcinogen		Listed

• Cobalt and cobalt compounds are listed as possible human carcinogens by IARC (2B). However, there is inadequate evidence of the carcinogenicity of cobalt and cobalt compounds in humans.

### 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

No information available.

#### Mobility in Environmental Media

No information available.

#### Ozone

No information available

### **Component Information**

#### **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**

No information available

#### **Acute Toxicity to Aquatic Plants**

No information available

## 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.

## 14. TRANSPORT INFORMATION

**DOT** 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.

### **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:

None

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

None

**US State Regulations**

**California Proposition 65**

 **WARNING:** Cancer and Reproductive Harm– [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**State Right-to-Know**

Chemical name	Massachusetts	New Jersey	Pennsylvania
Silica, amorphous	X	X	X
Zinc oxide	X	X	X
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-	X	X	X
Carbamic acid, butyl-, 3-iodo-2-propynyl ester		X	

**Legend**

X - Listed

**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

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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](http://www.epa.gov/lead).

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**END OF SAFETY DATA SHEET**