



# SAFETY DATA SHEET

Revision Date: 04-Apr-2018

Revision Number: 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** ARBORCOAT SEMI SOLID DECK & SIDING STAIN TINT BASE  
**Product Code** K63906  
**Alternate Product Code** K63906  
**Product Class** STAIN  
**Color** All  
**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)

Carcinogenicity	Category 2
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### Label elements

#### **Warning**

#### **Hazard statements**

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

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**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-%
Nepheline syenite	37244-96-5	10 - 30%
Silica, amorphous	7631-86-9	1 - 5%
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	25265-77-4	1 - 5%
Zinc oxide	1314-13-2	1 - 5%
Propylene glycol	57-55-6	1 - 5%
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-	330-54-1	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 while removing all contaminated clothes and 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	None known.
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:** 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](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	Alberta	British Columbia	Ontario	Quebec
Nepheline syenite	N/E	N/E	N/E	10 mg/m <sup>3</sup> - TWA	N/E
Zinc oxide	2 mg/m <sup>3</sup> - TWA 10 mg/m <sup>3</sup> - STEL	2 mg/m <sup>3</sup> - TWA 10 mg/m <sup>3</sup> - STEL	2 mg/m <sup>3</sup> - TWA 10 mg/m <sup>3</sup> - STEL	2 mg/m <sup>3</sup> - TWA 10 mg/m <sup>3</sup> - STEL	10 mg/m <sup>3</sup> - TWAEV 5 mg/m <sup>3</sup> - TWAEV 10 mg/m <sup>3</sup> - STEV
Propylene glycol	N/E	N/E	N/E	10 mg/m <sup>3</sup> - TWA 50 ppm - TWA 155 mg/m <sup>3</sup> - TWA	N/E
Urea, N-(3,4-dichlorophenyl)-N,N-di methyl-	10 mg/m <sup>3</sup> - TWA	10 mg/m <sup>3</sup> - TWA	10 mg/m <sup>3</sup> - TWA	10 mg/m <sup>3</sup> - TWA	10 mg/m <sup>3</sup> - 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**

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)	9.8 - 10.2
Specific Gravity	1.17 - 1.22
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 @20 °C (kPa)	No information available
Vapor density	No information available
Wt. % Solids	45 - 65
Vol. % Solids	35 - 55
Wt. % Volatiles	35 - 55
Vol. % Volatiles	45 - 65
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**

<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>	No information available.
<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>	68680 mg/kg
<b>ATEmix (dermal)</b>	65401 mg/kg

**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.)

Propylene glycol

LD50 Oral: 20000 mg/kg (Rat)

LD50 Dermal: 20800 mg/kg (Rabbit)

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

LD50 Oral: 1017 mg/kg (Rat)

LD50 Dermal: > 5000 mg/kg (Rat)

**Chronic Toxicity**

### **Carcinogenicity**

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

### **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**

##### Propylene glycol

LC50: 710 mg/L (Fathead Minnow - 96 hr.)

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

LC50: 3.5 mg/L (Rainbow Trout - 96 hr.)

#### **Acute Toxicity to Aquatic Invertebrates**

##### Propylene glycol

EC50: > 10000 mg/L (Daphnia magna - 24 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:

<b><u>Chemical name</u></b>	<b><u>CAS No.</u></b>	<b><u>Weight-%</u></b>	<b><u>NPRI Parts 1- 4</u></b>
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	25265-77-4	1 - 5%	Listed
Zinc oxide	1314-13-2	1 - 5%	Listed
Propylene glycol	57-55-6	1 - 5%	Listed

**NPRI Part 5**

This product contains the following NPRI Part 5 Chemicals:

*None*

**WHMIS Regulatory Status**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR)



