1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ARBORCOAT EXTERIOR OIL FINISH TRANSLUCENT NATURAL
Product Code: K32610
Alternate Product Code: K32610
Product Class: ALKYD 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.
101 Paragon Drive
Montvale, NJ 07645
Phone: 855-724-6802
www.benjaminmoore.com

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)

<table>
<thead>
<tr>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
</tr>
<tr>
<td>Skin sensitization</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
</tr>
<tr>
<td>Carcinogenicity</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
</tr>
<tr>
<td>Aspiration toxicity</td>
</tr>
<tr>
<td>Flammable liquids</td>
</tr>
<tr>
<td>Physical hazard not otherwise classified</td>
</tr>
</tbody>
</table>

Label elements
Danger

Hazard statements
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause genetic defects
Suspected of causing cancer
May damage fertility or the unborn child
May cause drowsiness or dizziness
Causes damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways
Flammable liquid and vapor
Risk of spontaneous combustion

Appearance liquid
Odor solvent

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
Wash face, hands and any exposed skin thoroughly after handling
Contaminated work clothing should not be allowed out of the workplace
Do not breathe dust/fume/mist/vapors/spray
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Keep away from heat/sparks/open flames/hot surfaces, no smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting/equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Keep cool
Wear protective gloves/protective clothing/eye protection/face protection
Immediately after use, place rags, steel wool or waste used with this product in a sealed water-filled metal container or lay flat to dry.

Precautionary Statements - Response
If exposed or concerned get medical attention
Eyes
If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists get medical attention
Skin
If skin irritation or rash occurs get medical attention
If on skin (or hair) take off immediately all contaminated clothing. Rinse skin with water
Wash contaminated clothing before reuse

**Inhalation**
If inhaled remove victim to fresh air and keep at rest in a position comfortable for breathing

**Ingestion**
If swallowed immediately call a POISON CENTER or physician
Do NOT induce vomiting

**Fire**
In case of fire use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**
Store locked up
Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**
Dispose of contents/container to an approved waste disposal plant
Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard.

**Other information**
1.0% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION INFORMATION ON COMPONENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight % (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates, petroleum, hydrotreated light</td>
<td>64742-47-8</td>
<td>10 - 30%</td>
</tr>
<tr>
<td>4-Chlorobenzotrifluoride</td>
<td>98-56-6</td>
<td>7 - 13%</td>
</tr>
<tr>
<td>Stoddard solvent</td>
<td>8052-41-3</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>Silica, amorphous</td>
<td>7631-86-9</td>
<td>3 - 7%</td>
</tr>
<tr>
<td>Carbamic acid, 1H-benzimidazol-2-y1-, methyl ester</td>
<td>10605-21-7</td>
<td>0.1 - 0.25%</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>0.1 - 0.25%</td>
</tr>
<tr>
<td>Methyl ethyl ketoxime</td>
<td>96-29-7</td>
<td>0.1 - 0.25%</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

**General Advice**
If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

**Eye Contact**
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call 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. If not breathing, give artificial respiration. Call a physician immediately.

Ingestion
Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.

Protection Of First-Aiders
Use personal protective equipment.

Most Important Symptoms/Effects
May cause allergic skin reaction.

Notes To Physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Foam, dry powder or water. 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
Combustible material. Closed containers may rupture if exposed to fire or extreme heat. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapors.

Sensitivity To Mechanical Impact
No

Sensitivity To Static Discharge
Yes

Flash Point Data
Flash Point (°F) 107
Flash Point (°C) 42
Flash Point Method PMCC

Flammability Limits In Air
Lower Explosion Limit Not available
Upper Explosion Limit Not available

NFPA Health: 1 Flammability: 2 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**
Use personal protective equipment. Remove all sources of ignition.

**Other Information**
Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

**Environmental Precautions**
See Section 12 for additional Ecological Information.

**Methods For Clean-Up**
Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

### 7. HANDLING AND STORAGE

**Handling**
Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.

**Storage**

**DANGER** - Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

**Incompatible Materials**
Incompatible with strong acids and bases and strong oxidizing agents.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits**

No exposure limits have been established for this product.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>Alberta</th>
<th>British Columbia</th>
<th>Ontario</th>
<th>Quebec</th>
</tr>
</thead>
</table>
**Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

- **Eye/Face Protection**: Safety glasses with side-shields.
- **Skin Protection**: Long sleeved clothing. Protective gloves.
- **Respiratory Protection**: 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. When using do not eat, drink or smoke.

### 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>solvent</td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Density (lbs/gal)</strong></td>
<td>8.10 - 8.20</td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>0.97 - 0.99</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Viscosity (cps)</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Solubility</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Water Solubility</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Vapor Pressure</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Vapor Density</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Wt. % Solids</strong></td>
<td>50 - 60</td>
</tr>
<tr>
<td><strong>Vol. % Solids</strong></td>
<td>45 - 55</td>
</tr>
<tr>
<td><strong>Wt. % Volatiles</strong></td>
<td>40 - 50</td>
</tr>
<tr>
<td><strong>Vol. % Volatiles</strong></td>
<td>45 - 55</td>
</tr>
<tr>
<td><strong>VOC Regulatory Limit (g/L)</strong></td>
<td>&lt; 350</td>
</tr>
<tr>
<td><strong>Boiling Point (°F)</strong></td>
<td>279</td>
</tr>
<tr>
<td><strong>Boiling Point (°C)</strong></td>
<td>137</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Not Applicable

Chemical Stability
Stable under normal conditions. Hazardous polymerisation does not occur.

Conditions To Avoid
Keep away from open flames, hot surfaces, static electricity and sources of ignition.

Incompatible Materials
Incompatible with strong acids and bases and strong oxidizing agents.

Hazardous Decomposition Products
Thermal decomposition can lead to release of irritating gases and vapors.

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
Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

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
Contact with eyes may cause irritation.

Skin contact
May cause skin irritation and/or dermatitis. Prolonged skin
Inhalation
contact may defat the skin and produce dermatitis.
High vapor / aerosol concentrations are irritating to the
eyes, nose, throat and lungs and may cause headaches,
dizziness, drowsiness, unconsciousness, and other central
nervous system effects.

Ingestion
Ingestion may cause irritation to mucous membranes.
Small amounts of this product aspirated into the
respiratory system during ingestion or vomiting may cause
mild to severe pulmonary injury, possibly progressing to
death.

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
May be harmful if swallowed and enters airways. Small
amounts of this product aspirated into the respiratory
system during ingestion or vomiting may cause mild to
severe pulmonary injury, possibly progressing to
death.

Numerical measures of toxicity

Unknown Acute Toxicty
1.0% of the mixture consists of ingredient(s) of unknown
toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 16296 mg/kg
ATEmix (dermal) 5273 mg/kg

Component

Distillates, petroleum, hydrotreated light
LD50 Oral: > 5,000 mg/kg (Rat)
LD50 Dermal: > 3,000 mg/kg (Rabbit)
4-Chlorobenzotrifluoride
LD50 Oral: (Rat) mg/kg
LD50 Dermal: mg/kg (Rabbit)
LC50 Inhalation (Vapor): mg/L (Rat, 4 hr.)
Stoddard solvent
LD50 Oral: > 5,000 mg/kg (Rat)
LD50 Dermal: > 3160 mg/kg (Rabbit)
LC50 Inhalation (Vapor): > 6.1 mg/L (Rat)
Silica, amorphous
LD50 Oral: > 5000 mg/kg (Rat)
LD50 Dermal: 2,000 mg/kg (Rabbit)
LC50 Inhalation (Dust): > 2 mg/L
Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester
LD50 Oral: 6400 mg/kg (Rat)
LD50 Dermal: 8500 mg/kg (Rabbit)
Ethyl benzene
LD50 Oral: mg/kg (Rat)
LD50 Dermal: > mg/kg (Rabbit)
LC50 Inhalation (Vapor): mg/m³ (Rat, 2 hr.)
Methyl ethyl ketoxime
LD50 Oral: 930 mg/kg (Rat)
LD50 Dermal: 200 µL/kg (Rabbit)
LC50 Inhalation (Vapor): > 4.8 mg/L (Rat)

**Chronic Toxicity**

**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>Ethyl benzene</td>
<td>2B - Possible Human Carcinogen</td>
<td></td>
</tr>
</tbody>
</table>

**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 / Accumulation**
No information available.

**Mobility in Environmental Media**
No information available.

**Ozone**
No information available.
**Component**

**Acute Toxicity to Fish**

Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester  
LC50: 1.5 mg/L (Rainbow Trout - 96 hr.)  
**Ethyl benzene**  
LC50: 12.1 mg/L (Fathead Minnow - 96 hr.)  
**Methyl ethyl ketoxime**  
LC50: 48 mg/L (Bluegill sunfish - 96 hr.)

**Acute Toxicity to Aquatic Invertebrates**

Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester  
LC50: 0.22 mg/L (water flea - 48 hr.)  
**Ethyl benzene**  
EC50: 1.8 mg/L (Daphnia magna - 48 hr.)  
**Methyl ethyl ketoxime**  
EC50: 750 mg/L (Daphnia magna - 48 hr.)

**Acute Toxicity to Aquatic Plants**

Ethyl benzene  
EC50: 4.6 mg/L (Green algae (Scenedesmus subspicatus), 72 hrs.)

---

**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.

**Empty Container Warning**  
Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

---

**14. TRANSPORT INFORMATION**

**TDG**

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>Paint</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class</td>
<td>3</td>
</tr>
<tr>
<td>UN-No</td>
<td>UN1263</td>
</tr>
<tr>
<td>Packing Group</td>
<td>III</td>
</tr>
<tr>
<td>Description</td>
<td>UN1263, Paint, 3, III</td>
</tr>
</tbody>
</table>

**TDG Comment**  
In Canada, Class 3 flammable liquids may be reclassified as non-regulated for domestic ground transportation if they...
meet the requirements of TDG General Exemption SOR/2008-34.

ICAQ / IATA
Contact the preparer for further information.

IMDG / IMO
Contact the preparer for further information.

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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight % (max)</th>
<th>NPRI Parts 1-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Chlorobenzotrifluoride</td>
<td>98-56-6</td>
<td>7 - 13%</td>
<td>Listed</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>0.1 - 0.25%</td>
<td>Listed</td>
</tr>
</tbody>
</table>

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 % (max)</th>
<th>NPRI Part 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates, petroleum, hydrotreated light</td>
<td>64742-47-8</td>
<td>10 - 30%</td>
<td>Listed</td>
</tr>
<tr>
<td>Stoddard solvent</td>
<td>8052-41-3</td>
<td>5 - 10%</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.

HMIS -  Health: 1*  Flammability: 2  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.
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
855-724-6802

Revision Date: 26-May-2017
Reason For Revision Not available

Disclaimer
The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

END OF SAFETY DATA SHEET