CLASSIFICATION: 09 00 00.00 Finishes: Finishes

PRODUCT DESCRIPTION: A premium quality translucent deck and siding stain that penetrates deeper into the wood to provide superior durability. Trans-Oxide pigments are ground into this weather tested resin to provide ultimate sun protection, abrasion and mildew resistance. It may be used over substrates previously stained with a transparent stain in good condition.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method

Threshold Disclosed Per
- Material
- Product

Threshold level
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:
- Characterized
  - Yes Ex/SC
  - Yes
  - No

% weight and role provided for all substances.

Screened
- Yes Ex/SC
- Yes
- No

All substances screened using Priority Hazard Lists with results disclosed.

Identified
- Yes Ex/SC
- Yes
- No

All substances disclosed by Name (Specific or Generic) and Identifier.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARBORCOAT EXTERIOR OIL FINISH TRANSLUCENT (C326)</td>
<td>PARA</td>
<td>CHLOROBENZOTRIFLUORIDE (PCBT)</td>
<td>LT-PI</td>
<td>MUL SOYBEAN OIL, POLYMER WITH PENTAERYTHRITOL AND TDI LT-UNK LINSEED OIL, POLYMER WITH PENTAERYTHRITOL AND TDI LT-UNK DISTILLATE FUEL OILS, LIGHT BM-2</td>
</tr>
</tbody>
</table>

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 201
Regulatory (g/l): 244

Does the product contain exempt VOCs: Yes
Are ultra-low VOC tints available: Yes

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
None

CERTIFICATIONS AND COMPLIANCE

VOC emissions: Exterior Product - No Emission Certification
VOC content: CARB07 & OTC11 Compliant

CONSISTENCY WITH OTHER PROGRAMS
No pre-checks completed or disclosed.
This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- **Basic Inventory method with Product-level threshold.**
- **Nested Material Inventory method with Product-level threshold.**
- **Nested Material Inventory method with individual Material-level thresholds.**

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### ARBORCOAT EXTERIOR OIL FINISH TRANSLUCENT (C326)

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**RESIDUALS AND IMPURITIES NOTES:** Based on information provided by raw material suppliers  
**OTHER PRODUCT NOTES:** None  

### PARACHLOROBENZOTRIFLUORIDE (PCBTF)

**ID:** 98-56-6  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-08  
**%:** 15.0000 - 25.0000  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Thinner/Solvent  

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**  
MULTIPLE  
German FEA - Substances Hazardous to Waters  
Class 2 - Hazard to Waters  

**SUBSTANCE NOTES:** None  

### SOYBEAN OIL, POLYMER WITH PENTAERYTHRITOL AND TDI

**ID:** 68038-49-3  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-08  
**%:** 15.0000 - 25.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**ROLE:** Additive  

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**  
No hazards found  

**SUBSTANCE NOTES:** None  

### LINSEED OIL, POLYMER WITH PENTAERYTHRITOL AND TDI

**ID:** 68071-85-2  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-08  
**%:** 5.0000 - 15.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**ROLE:** Additive  

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**  
No hazards found  

**SUBSTANCE NOTES:** None
### DISTILLATE FUEL OILS, LIGHT

**ID:** 64742-47-8  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-08

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>GS</th>
<th>RC</th>
<th>nano</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0000 - 15.0000</td>
<td>BM-2</td>
<td>None</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Thinner/Solvent</td>
</tr>
</tbody>
</table>

**WARNINGS**
- **MAMMALIAN**
  - EU - GHS (H-Statements)
    - H304 - May be fatal if swallowed and enters airways
- **CANCER**
  - MAK
    - Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

**SUBSTANCE NOTES:** None

---

### LINSEED OIL

**ID:** 8001-26-1  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-08

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>GS</th>
<th>RC</th>
<th>nano</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0000 - 10.0000</td>
<td>NoGS</td>
<td>None</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Additive</td>
</tr>
</tbody>
</table>

**WARNINGS**
- **No hazards found**

**SUBSTANCE NOTES:** None

---

### STODDARD SOLVENT

**ID:** 8052-41-3  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-08

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>GS</th>
<th>RC</th>
<th>nano</th>
<th>Role</th>
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</thead>
<tbody>
<tr>
<td>2.0000 - 7.0000</td>
<td>LT-1</td>
<td>None</td>
<td>LT-1</td>
<td>None</td>
<td>No</td>
<td>Additive</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAMMALIAN</td>
<td>EU - GHS (H-Statements)</td>
<td>H304 - May be fatal if swallowed and enters airways</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GENE MUTATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H340 - May cause genetic defects</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
<td></td>
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<td></td>
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<tr>
<td>ORGAN TOXICANT</td>
<td>EU - GHS (H-Statements)</td>
<td>H372 - Causes damage to organs through prolonged or repeated exposure</td>
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<tr>
<td>CANCER</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>GENE MUTATION</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
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<td></td>
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<tr>
<td>CANCER</td>
<td>EU - Annex VI CMRs</td>
<td>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</td>
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<tr>
<td>GENE MUTATION</td>
<td>EU - Annex VI CMRs</td>
<td>Mutagen - Category 1B</td>
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<tr>
<td>GENE MUTATION</td>
<td>Malaysia - GHS</td>
<td>H340 - May cause genetic defects</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>Malaysia - GHS</td>
<td>H350 - May cause cancer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GENE MUTATION</td>
<td>Australia - GHS</td>
<td>H340 - May cause genetic defects</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350 - May cause cancer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** None

---

**SILICA, AMORPHOUS**

ID: 7631-86-9

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE: 2019-03-08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharos Chemical and Materials Library</td>
<td></td>
</tr>
<tr>
<td>%: 2.0000 - 10.0000 GS: LT-P1</td>
<td></td>
</tr>
<tr>
<td>RC: None</td>
<td></td>
</tr>
<tr>
<td>NANO: No</td>
<td></td>
</tr>
<tr>
<td>ROLE: Color Pigment</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>Japan - GHS</td>
<td>Carcinogenicity - Category 1A</td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350i - May cause cancer by inhalation</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** None

---

**NEPHELINE SYENITE**

ID: 37244-96-5

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE: 2019-03-08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharos Chemical and Materials Library</td>
<td></td>
</tr>
<tr>
<td>%: 2.0000 - 7.0000 GS: LT-UNK</td>
<td></td>
</tr>
<tr>
<td>RC: None</td>
<td></td>
</tr>
<tr>
<td>NANO: No</td>
<td></td>
</tr>
<tr>
<td>ROLE: Extender Filler</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** None

---
### Zinc Borate (Firebreak ZB)

**ID:** 138265-88-0  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-08  
**%:** 2.0000 - 7.0000  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**ROLE:** Additive  

No hazards found

### Cetyl Palmitate

**ID:** 540-10-3  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-08  
**%:** 0.5000 - 2.0000  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**ROLE:** Additive  

No hazards found

### Xylenes

**ID:** 1330-20-7  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-08  
**%:** 0.5000 - 2.0000  
**GS:** BM-1  
**RC:** None  
**NANO:** No  
**ROLE:** Thinner/Solvent  

**SKIN IRRITATION**  
EU - GHS (H-Statements)  
H315 - Causes skin irritation  

**ENDOCRINE**  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor  

**MULTIPLE**  
German FEA - Substances Hazardous to Waters  
Class 2 - Hazard to Waters  

**REPRODUCTIVE**  
Japan - GHS  
Toxic to reproduction - Category 1B  

No hazards found
Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Self-declared</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2019-03-08</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>None</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>None</td>
</tr>
</tbody>
</table>

VOC CONTENT

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Self-declared</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2019-03-08</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>None</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>None</td>
</tr>
</tbody>
</table>

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

GENNEX COLORANTS (229)

<table>
<thead>
<tr>
<th>HPD URL:</th>
<th>No HPD available</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:</td>
<td>Required for all tinted products</td>
</tr>
</tbody>
</table>

Section 5: General Notes

SDS and TDS available on www.benjaminmoore.com
MANUFACTURER INFORMATION

MANUFACTURER: Benjamin Moore & Co.
ADDRESS: 101 Paragon Drive
Montvale NJ 07645, USA
WEBSITE: www.Benjaminmoore.com

CONTACT NAME: Edja Kouassi
TITLE: Technical Project Manager
PHONE: 9732522607
EMAIL: Edja.kouassi@benjaminmoore.com

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

- AQU Aquatic toxicity
- CAN Cancer
- DEV Developmental toxicity
- END Endocrine activity
- EYE Eye irritation/corrosivity
- GEN Gene mutation
- GLO Global warming
- MAM Mammalian/systemic/organ toxicity
- MUL Multiple hazards
- NEU Neurotoxicity
- OZO Ozone depletion
- PHY Physical Hazard (reactive)
- REP Reproductive toxicity
- RES Respiratory sensitization
- SKI Skin sensitization/irritation/corrosivity
- LAN Land Toxicity
- NF Not found on Priority Hazard Lists

GreenScreen (GS)

- BM-4 Benchmark 4 (prefer-safer chemical)
- BM-3 Benchmark 3 (use but still opportunity for improvement)
- BM-2 Benchmark 2 (use but search for safer substitutes)
- BM-1 Benchmark 1 (avoid - chemical of high concern)
- BM-U Benchmark Unspecified (insufficient data to benchmark)
- LT-P1 List Translator Possible Benchmark 1
- LT-1 List Translator Likely Benchmark 1
- LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
- NoGS Unknown (no data on List Translator Lists)

Recycled Types

- PreC Preconsumer (Post-Industrial)
- PostC Postconsumer
- Both Both Preconsumer and Postconsumer
- Unk Inclusion of recycled content is unknown
- None Does not include recycled content

Other Terms

- Inventory Methods:
  - Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
  - Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
  - Basic Method / Product Threshold Substances listed individually per threshold indicated per product

- Nano Composed of nano scale particles or nanotechnology
- Third Party Verified Verification by independent certifier approved by HPDC
- Preparer Third party preparer, if not self-prepared by manufacturer
- Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.