1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: GRAND ENTRANCE WATERBORNE ALKYD HIGH GLOSS FINISH WHITE
Product Code: 14801
Alternate Product Code: 14801
Product Class: WATER THINNED PAINT
Color: White
Recommended use: Paint
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 1

Label elements
Warning
Hazard statements
May cause an allergic skin reaction

Appearance liquid Odor little or no odor
Precautionary Statements - Prevention
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

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 - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Not applicable

Other information
No information available

Other hazards
Avoid breathing vapors or mists

### 3. COMPOSITION INFORMATION ON COMPONENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>25</td>
</tr>
<tr>
<td>Polyalkylene glycol alkyl ether</td>
<td>-</td>
<td>5</td>
</tr>
<tr>
<td>Silica, amorphous</td>
<td>7631-86-9</td>
<td>5</td>
</tr>
<tr>
<td>Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-</td>
<td>126-86-3</td>
<td>0.5</td>
</tr>
</tbody>
</table>

### 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. 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

<table>
<thead>
<tr>
<th>Method</th>
<th>Flash Point (°F)</th>
<th>Flash Point (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

Flammability Limits In Air

| Lower flammability limit: | Not applicable |
| Upper flammability limit: | 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 Cleaning 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
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>10 mg/m³ - TWA</td>
<td>15 mg/m³ - TWA</td>
</tr>
<tr>
<td>Silica, amorphous</td>
<td>N/E</td>
<td>20 mppcf - TWA</td>
</tr>
</tbody>
</table>

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

- Appearance: liquid
- Odor: little or no odor
- Odor Threshold: No information available
- Density (lbs/gal): 10.6 - 11.0
- Specific Gravity: 1.27 - 1.32
- 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: 50 - 60
- Vol. % Solids: 35 - 45
- Wt. % Volatiles: 40 - 50
- Vol. % Volatiles: 55 - 65
- VOC Regulatory Limit (g/L): <50
- Boiling Point (°F): 212
- Boiling Point (°C): 100
- Freezing Point (°F): 32
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

Eye contact
May cause slight irritation.

Skin contact
Prolonged skin contact may cause skin irritation and/or dermatitis. May cause sensitization by skin contact.

Inhalation
Inhalation of vapors in high concentration may cause irritation of respiratory system. Avoid breathing vapors or mists.

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)             37669 mg/kg
ATEmix (dermal)           165209

Component Information

Titanium dioxide
LD50 Oral: > 10000 mg/kg (Rat)

Polyalkylene glycol alkyl ether
LD50 Oral: 2000 mg/kg (Rat)
LC50 Inhalation (Vapor): 2 mg/L (Rat, 4 hr.)

Silica, amorphous
LD50 Oral: > 5000 mg/kg (Rat)
LD50 Dermal: 2,000 mg/kg (Rabbit)
LC50 Inhalation (Dust): > 2 mg/L

Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-
LC50 Inhalation (Vapor): > 20 mg/L (Rat, 1 hr.)

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>
<th>OSHA</th>
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</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>2B - Possible Human Carcinogen</td>
<td>Listed</td>
<td></td>
</tr>
</tbody>
</table>

* Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

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**

Titanium dioxide
LC50: > 1000 mg/L (Fathead Minnow - 96 hr.)
Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-
LC50: 42 mg/L (Carp (Cyprinus carpio) - 24 hr.)

**Acute Toxicity to Aquatic Invertebrates**

Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-
LC50: 91 mg/L (Daphnia magna - 48 hr.)

**Acute Toxicity to Aquatic Plants**

Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-
EC50: 82 mg/L (Algae (Selenastrum capricornutum) - 72 hrs.)

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**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.

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**14. TRANSPORT INFORMATION**

**DOT**
Not regulated

**ICAO / IATA**
Not regulated
15. REGULATORY INFORMATION

International Inventories

TSCA: United States  Yes - All components are listed or exempt.
DSL: Canada  No - Not all of the components are listed.
One or more component is listed on NDSL.

Federal Regulations

SARA 311/312 hazardous categorization
- Acute health hazard  Yes
- Chronic Health Hazard  No
- 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

State Right-to-Know

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
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<tbody>
<tr>
<td>Titanium dioxide</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Silica, amorphous</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Legend
X - Listed

16. OTHER INFORMATION
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 contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Prepared By
Product Stewardship Department
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
800-225-5554

Revision Date: 12-Jul-2018
Revision Summary Not available

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END OF SAFETY DATA SHEET