SAFETY DATA SHEET

Revision Date: 10-Dec-2019
Revision Number: 2

1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>ADVANCE SEMI-GLOSS BASE 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>K7934X</td>
</tr>
<tr>
<td>Alternate Product Code</td>
<td>K7934X</td>
</tr>
<tr>
<td>Product Class</td>
<td>Water thinned paint</td>
</tr>
<tr>
<td>Color</td>
<td>All</td>
</tr>
<tr>
<td>Recommended use</td>
<td>Paint</td>
</tr>
<tr>
<td>Restrictions on use</td>
<td>No information available</td>
</tr>
</tbody>
</table>

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)

| Skin sensitization | Category 1 |

Label elements

Warning

Hazard statements
May cause an allergic skin reaction
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

Other information
No information available

3. COMPOSITION INFORMATION ON COMPONENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaolin</td>
<td>1332-58-7</td>
<td>5 - 10%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>0.1 - 0.25%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-</td>
<td>126-86-3</td>
<td>0.1 - 0.25%</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret

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

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.

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 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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>Alberta</th>
<th>British Columbia</th>
<th>Ontario</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaolin</td>
<td>2 mg/m³ - TWA</td>
<td>2 mg/m³ - TWA</td>
<td>2 mg/m³ - TWA</td>
<td>2 mg/m³ - TWA</td>
<td>5 mg/m³ - TWA</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>10 mg/m³ - TWA</td>
<td>10 mg/m³ - TWA</td>
<td>10 mg/m³ - TWA</td>
<td>10 mg/m³ - TWA</td>
<td>10 mg/m³ - TWA</td>
</tr>
</tbody>
</table>

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)
9.0 - 9.4

Specific Gravity
1.08 - 1.13

pH
No information available

Viscosity (cps)
No information available
### 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Chemical Stability</td>
<td>Stable under normal conditions.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Prevent from freezing.</td>
</tr>
<tr>
<td>Incompatible Materials</td>
<td>No materials to be especially mentioned.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>None under normal use.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>None under normal conditions of use.</td>
</tr>
</tbody>
</table>

### 11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Information</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Information</td>
<td></td>
</tr>
<tr>
<td>Information on likely routes of exposure</td>
<td></td>
</tr>
<tr>
<td>Principal Routes of Exposure</td>
<td>Eye contact, skin contact and inhalation.</td>
</tr>
<tr>
<td>Acute Toxicity</td>
<td></td>
</tr>
<tr>
<td>Product Information</td>
<td>No information available</td>
</tr>
<tr>
<td>Symptoms related to the physical, chemical and</td>
<td></td>
</tr>
<tr>
<td>toxicological characteristics</td>
<td></td>
</tr>
</tbody>
</table>
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
May cause irritation of respiratory tract.

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

mg/kg

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>&gt; 10000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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>Titanium dioxide</td>
<td>2B - Possible Human Carcinogen</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.)

### 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          No - Not all of the components are listed.
                      One or more component is listed on NDSL.

National Pollutant Release Inventory (NPRI)

NPRI Parts 1-4
This product contains the following Parts 1-4 NPRI chemicals:

None

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) and the SDS contains all the information required by the HPR.

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 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 at 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
800-225-5554

Revision Date: 10-Dec-2019
Reason for revision Not available

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End of Safety Data Sheet