



SAFETY DATA SHEET

Revision Date: 04-Dec-2020

Revision Number: 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name BENJAMIN MOORE ADVANCE WATERBORNE ALKYD HIGH GLOSS ENAMEL BASE 3
Product Code F7943X
Alternate Product Code F7943X
Product Class Water thinned paint
Color All
Recommended use Paint
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/en-ca

Manufacturer
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CHEMTREC: +1 703-741-5970 / 1-800-424-9300
+1 703-527-3887 (outside US & Canada)
CANUTEC: 613-996-6666 (Transport Emergency Only)

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



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

Other information

No information available

Avoid breathing vapors or mists

WARNING: This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

3. COMPOSITION INFORMATION ON COMPONENTS

| Chemical name | CAS No. | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|---|------------|-------------|--|---|
| Titanium dioxide | 13463-67-7 | 1 - 5% | - | - |
| Polyalkylene glycol alkyl ether | - | 1 - 5% | HMIRC # 9367 | Granted: June 10, 2015 |
| Tetramethyl-5-decyne-4,7-diol, 2,4,7,9- | 126-86-3 | 0.1 - 0.25% | - | - |

*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

| Chemical name | ACGIH TLV | Alberta | British Columbia | Ontario | Quebec |
|------------------|---------------------------|----------------------------|---|----------------------------|------------------------------|
| Titanium dioxide | TWA: 10 mg/m ³ | 10 mg/m ³ - TWA | 10 mg/m ³ - TWA 3 mg/m ³ - TWA | 10 mg/m ³ - TWA | 10 mg/m ³ - 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) | 9.0 - 9.1 |
| Specific Gravity | 1.08 - 1.10 |
| 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 | No information available |
| Vapor density | No information available |
| Wt. % Solids | 35 - 45 |
| Vol. % Solids | 30 - 40 |
| Wt. % Volatiles | 55 - 65 |
| Vol. % Volatiles | 60 - 70 |
| VOC Regulatory Limit (g/L) | < 50 |
| 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

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) 205248 mg/kg

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|-----------------------|-------------------------|-----------------------|
| Titanium dioxide 13463-67-7 | > 10000 mg/kg (Rat) | - | - |
| Tetramethyl-5-decyne-4,7-diol, 2,4,7,9- 126-86-3 | > 500 mg/kg (Rat) | > 1000 mg/kg (Rabbit) | > 20 mg/L (Rat) 1 h |

Chronic Toxicity

Carcinogenicity

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

| Chemical name | IARC | NTP |
|------------------|--------------------------------|-----|
| Titanium dioxide | 2B - Possible Human Carcinogen | |

• 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.

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.

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Disclaimer

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End of Safety Data Sheet