

## SAFETY DATA SHEET

Revision Date: 20-Nov-2020

Revision Number: 6

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** BENJAMIN MOORE ADVANCE WATERBORNE INTERIOR ALKYD MATTE BASE 2  
**Product Code** 7912X  
**Alternate Product Code** 7912X  
**Product Class** Water thinned paint  
**Color** All  
**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: +1 703-741-5970 / 1-800-424-9300  
+1 703-527-3887 (outside US & Canada)

### 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

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-%  |
|---|-------------|-----------|
| Titanium dioxide                        | 13463-67-7  | 10 - 15   |
| Kaolin, calcined                        | 92704-41-1  | 5 - 10    |
| Limestone                               | 1317-65-3   | 5 - 10    |
| Silicon dioxide, wax coated             | 112926-00-8 | 1 - 5     |
| Talc                                    | 14807-96-6  | 1 - 5     |
| Polyalkylene glycol alkyl ether         | -           | 1 - 5     |
| Tetramethyl-5-decyne-4,7-diol, 2,4,7,9- | 126-86-3    | 0.1 - 0.5 |

## 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

|  |  |
|--|--|
| <b>Suitable Extinguishing Media</b>                          | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                                |
| <b>Protective equipment and precautions for firefighters</b> | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| <b>Specific Hazards Arising From The Chemical</b>            | Closed containers may rupture if exposed to fire or extreme heat.  |
| <b>Sensitivity to mechanical impact</b>                      | No   |
| <b>Sensitivity to static discharge</b>                       | No   |
| <b>Flash Point Data</b>                                      |  |
| Flash point (°F)   | Not applicable   |
| Flash Point (°C)   | Not applicable   |
| Method   | Not applicable   |
| <b>Flammability Limits In Air</b>                            |  |
| 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](http://www.nfpa.org).*

## 6. ACCIDENTAL RELEASE MEASURES

|                                  |  |
|----------------------------------|--|
| <b>Personal Precautions</b>      | Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. |
| <b>Other Information</b>         | Prevent further leakage or spillage if safe to do so.                    |
| <b>Environmental precautions</b> | 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  | OSHA PEL  |
|-----------------------------|--|---|
| Titanium dioxide            | TWA: 10 mg/m <sup>3</sup>  | 15 mg/m <sup>3</sup> - TWA                              |
| Limestone                   | N/E  | 15 mg/m <sup>3</sup> - TWA<br>5 mg/m <sup>3</sup> - TWA |
| Silicon dioxide, wax coated | N/E  | 20 mppcf - TWA<br>-                                     |
| Talc                        | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter | 20 mppcf - TWA  |

**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**

|                          |                          |
|--------------------------|--------------------------|
| <b>Appearance</b>        | liquid                   |
| <b>Odor</b>              | little or no odor        |
| <b>Odor Threshold</b>    | No information available |
| <b>Density (lbs/gal)</b> | 10.8 - 10.9              |
| <b>Specific Gravity</b>  | 1.30 - 1.32              |
| <b>pH</b>                | No information available |
| <b>Viscosity (cps)</b>   | No information available |
| <b>Solubility(ies)</b>   | 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                   | 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                       |
| 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)** 98127 mg/kg

**Component Information**

| Chemical name  | Oral LD50             | Dermal LD50             | Inhalation LC50       |
|--|-----------------------|-------------------------|-----------------------|
| Titanium dioxide<br>13463-67-7                         | > 10000 mg/kg ( Rat ) | -                       | -                     |
| Kaolin, calcined<br>92704-41-1                         | > 2000 mg/kg ( Rat )  | -                       | -                     |
| Tetramethyl-5-decyne-4,7-diol,<br>2,4,7,9-<br>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 | OSHA   |
|------------------|--------------------------------|-----|--------|
| Titanium dioxide | 2B - Possible Human Carcinogen |     | Listed |

• 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, and local regulations. Local requirements may vary, consult your sanitation department or state-designated

environmental protection agency for more disposal options.

## 14. TRANSPORT INFORMATION

|             |               |
|-------------|---------------|
| DOT         | Not regulated |
| ICAO / IATA | Not regulated |
| IMDG / IMO  | Not regulated |

## 15. REGULATORY INFORMATION

### International Inventories

|                            |  |
|----------------------------|--|
| <b>TSCA: United States</b> | Yes - All components are listed or exempt.   |
| <b>DSL: Canada</b>         | No - Not all of the components are listed.<br>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](http://www.P65warnings.ca.gov)

#### **State Right-to-Know**





**End of Safety Data Sheet**