



# SAFETY DATA SHEET

Revision Date: 07-Oct-2020

Revision Number: 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** ben WATERBORNE INTERIOR FLAT FINISH BASE 1  
**Product Code** K6251X  
**Alternate Product Code** K6251X  
**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](http://www.benjaminmoore.com/en-ca)

### **Manufacturer**

Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
Phone: 1-866-708-9180  
[www.benjaminmoore.com](http://www.benjaminmoore.com)

### **Emergency Telephone**

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)

Reproductive toxicity

Category 2

### **Label elements**

#### **Warning**

#### **Hazard statements**

Suspected of damaging fertility or the unborn child



**Appearance** liquid

**Odor** little or no odor

**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

No information available

**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	10 - 30%	-	-
Nepheline syenite	37244-96-5	1 - 5%	-	-
Kaolin	1332-58-7	1 - 5%	-	-
Silica amorphous	7631-86-9	1 - 5%	-	-
Diatomaceous earth	61790-53-2	1 - 5%	-	-
Trimethylolpropane	77-99-6	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.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
<b>Most Important Symptoms/Effects</b>	None known.
<b>Notes To Physician</b>	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:** 2                      **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.
<b>Methods for Cleaning Up</b>	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Storage</b>	Keep container tightly closed. Keep out of the reach of children.
<b>Incompatible Materials</b>	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 <sup>3</sup>	10 mg/m <sup>3</sup> - TWA	10 mg/m <sup>3</sup> - TWA 3 mg/m <sup>3</sup> - TWA	10 mg/m <sup>3</sup> - TWA	10 mg/m <sup>3</sup> - TWAEV
Nepheline syenite	N/E	N/E	N/E	10 mg/m <sup>3</sup> - TWA	N/E
Kaolin	TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	2 mg/m <sup>3</sup> - TWA	2 mg/m <sup>3</sup> - TWA	2 mg/m <sup>3</sup> - TWA	5 mg/m <sup>3</sup> - TWAEV
Diatomaceous earth	N/E	N/E	4 mg/m <sup>3</sup> - TWA 1.5 mg/m <sup>3</sup> - TWA	N/E	6 mg/m <sup>3</sup> - 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

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	Protective gloves and impervious clothing.
<b>Respiratory Protection</b>	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 - 11.3
<b>Specific Gravity</b>	1.30 - 1.35
<b>pH</b>	No information available
<b>Viscosity (cps)</b>	No information available
<b>Solubility(ies)</b>	No information available
<b>Water solubility</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Wt. % Solids</b>	50 - 60
<b>Vol. % Solids</b>	35 - 45
<b>Wt. % Volatiles</b>	40 - 50
<b>Vol. % Volatiles</b>	55 - 65
<b>VOC Regulatory Limit (g/L)</b>	0
<b>Boiling Point (°F)</b>	212
<b>Boiling Point (°C)</b>	100
<b>Freezing point (°F)</b>	32
<b>Freezing Point (°C)</b>	0
<b>Flash point (°F)</b>	Not applicable
<b>Flash Point (°C)</b>	Not applicable
<b>Method</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper flammability limit:</b>	Not applicable
<b>Lower flammability limit:</b>	Not applicable
<b>Autoignition Temperature (°F)</b>	No information available
<b>Autoignition Temperature (°C)</b>	No information available
<b>Decomposition Temperature (°F)</b>	No information available
<b>Decomposition Temperature (°C)</b>	No information available
<b>Partition coefficient</b>	No information available

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not Applicable
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Prevent from freezing.
<b>Incompatible Materials</b>	No materials to be especially mentioned.
<b>Hazardous Decomposition Products</b>	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

Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.

Inhalation

May cause irritation of respiratory tract.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sensitization

No information available.

Neurological Effects

No information available.

Mutagenic Effects

No information available.

Reproductive Effects

Possible risk of impaired fertility. Possible risk of harm to the unborn child.

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)

52704 mg/kg

ATEmix (dermal)

120551 mg/kg

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-
Kaolin 1332-58-7	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rat )	-
Silica amorphous 7631-86-9	= 7900 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 2.2 mg/L ( Rat ) 1 h

Trimethylolpropane 77-99-6	= 14100 mg/kg ( Rat ) = 14000 mg/kg ( Rat )	-	> 0.29 mg/L ( Rat ) 4 h
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**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**

There is no data for this product.

**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.)

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

**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**

Yes - All components are listed or exempt.

**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*



