



## SAFETY DATA SHEET

Issuing Date 06-Apr-2015

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Revision Number: 1

### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product Name** WATERBORNE CEILING PAINT BASE 2  
**Product Code** 5082X  
**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: 855-724-6802  
www.benjaminmoore.com

**Only Representative (OR)**  
ITS Testing Services (UK) Ltd.  
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86-90 London Road  
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CHEMTREC:  
+1-703-527-3887 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

### Section 2: HAZARDS IDENTIFICATION

#### 2.1.

**REGULATION (EC) No 1272/2008**

<b>Skin sensitization</b>	Category 1 - (H317)
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**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

*For the full text of the R phrases mentioned in this Section, see Section 16*

**Symbol(s)**

Xi - Irritant

**R-code(s)**

R43

#### 2.2.

**Product Identifier**



**Signal word**  
Warning

**Hazard statements**

H317 - May cause an allergic skin reaction

**Precautionary Statements - EU (§28, 1272/2008)**

P280 - Wear eye protection/ face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

**2.3.**

**General Hazards**

No information available.

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

Not applicable

**3.2 Mixtures**

Chemical Name	EINECS/ELINCS No.	CAS-No	Weight % (max)	EU Classification	EU - GHS Substance Classification	REACH No.
Limestone	215-279-6	1317-65-3	30	Unclassified		Not available
Titanium dioxide	236-675-5	13463-67-7	10	Unclassified		Not available
Diatomaceous earth	-	61790-53-2	5	Unclassified		Not available
Silica, amorphous	231-545-4	7631-86-9	5	Unclassified		Not available
5-Chloro-2-methyl-4-isothiazolin-3-one	247-500-7	26172-55-4	0.005	T; R23/24/25 C; R34 R43 N; R50-53	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Acute Tox. 3 (H331) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Not available

2-Methyl-4-isothiazolin-3-one	220-239-6	2682-20-4	0.005	C;R34 Xn;R22 T;R23 R43 N; R50	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Eye Dam. 1 (H318) STOT SE 3 (H335) Aquatic Acute 1 (H400)	Not available
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For the full text of the R phrases mentioned in this Section, see Section 16  
Full text of H- and EUH-phrases: see section 16

## Section 4: FIRST AID MEASURES

### 4.1.

#### Description of 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 removing all contaminated clothes and 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.

### 4.2.

#### Most important symptoms and effects, both acute and delayed

##### Most Important Symptoms/Effects

May cause allergic skin reaction.

### 4.3.

#### Indication of any immediate medical attention and special treatment needed

##### Notes To Physician

Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

### 5.1.

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<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	No information available
<b>5.2.</b>	
<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity To Static Discharge</b>	No
<b>Sensitivity To Mechanical Impact</b>	No
<b>5.3.</b>	
<b>Protective Equipment And Precautions For Firefighters</b>	Wear self-contained breathing apparatus and protective suit.

## Section 6: ACCIDENTAL RELEASE MEASURES

<b>6.1.</b>	
<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
<b>Other Information</b>	Observe all relevant local and international regulations.
<b>6.2.</b>	
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so.
<b>6.3.</b>	
<b>Methods For Containment</b>	Absorb with inert material and place in suitable container for disposal.
<b>Methods For Clean-Up</b>	Clean contaminated surface thoroughly.
<b>6.4.</b>	
<b>Other information</b>	See Section 12 for additional information.

## Section 7: HANDLING AND STORAGE

<b>7.1.</b>	
<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>Hygiene Measures</b>	Wash thoroughly after handling.
<b>7.2.</b>	
<b>Storage</b>	Keep container tightly closed. Keep out of the reach of children.

**7.3.****Specific Uses**

Architectural coating. Apply as directed. Refer to product label / literature for specific instructions.

**Risk Management Methods (RMM)**

Not Applicable

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1.****Exposure limits**

Chemical Name	EU	United Kingdom	Belgium	Bulgaria	Cyprus	Greece
Limestone 1317-65-3		TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 1.0 f/cm <sup>3</sup> TWA: 10.0 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
Titanium dioxide 13463-67-7		TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10.0 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
Diatomaceous earth 61790-53-2		TWA: 1.2 mg/m <sup>3</sup> STEL: 3.6 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	TWA: 1.0 mg/m <sup>3</sup>		
Silica, amorphous 7631-86-9		TWA: 2.4 mg/m <sup>3</sup> TWA: 6 mg/m <sup>3</sup> STEL: 18 mg/m <sup>3</sup> STEL: 7.2 mg/m <sup>3</sup>				

Chemical Name	Ireland	Latvia	Lithuania	Poland	Romania	Spain
Limestone 1317-65-3	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>					
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 10.0 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Diatomaceous earth 61790-53-2				NDS: 10 mg/m <sup>3</sup> NDS: 2.0 mg/m <sup>3</sup>		VLA-ED: 10 mg/m <sup>3</sup> VLA-ED: 3 mg/m <sup>3</sup>
Silica, amorphous 7631-86-9	TWA: 6 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>				

**8.2.****Occupational exposure controls****Engineering Measures**

Ensure adequate ventilation, especially in confined areas

**Personal Protective Equipment****Respiratory Protection**

In case of insufficient ventilation wear suitable respiratory equipment.

**Eye Protection**

Safety glasses with side-shields.

**Skin Protection**

Lightweight protective clothing

**Hand protection**

Impervious gloves

**Hygiene Measures**

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1.

Appearance	liquid
Odor	little or no odor
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
Density (g/L)	1402 - 1438	None known
Relative Density	1.40 - 1.44	None known
pH	No information available	None known
Viscosity (cps)	No information available	None known
Solubility	No information available	None known
Water Solubility	No information available	None known
Evaporation Rate	No information available	None known
Vapor Pressure	No information available	None known
Vapor Density	No information available	None known
Wt. % Solids	50 - 60	None known
Vol. % Solids	35 - 45	None known
Wt. % Volatiles	40 - 50	None known
Vol. % Volatiles	55 - 65	None known
VOC Regulatory Limit (g/L)	0	None known
Boiling Point (°C)	100	None known
Freezing Point (°C)	0	None known
Melting Point (°C)	No information available	None known
Flash Point (°C)	Not applicable	None known
Flammability (solid, gas)	No information available	None known
Upper Explosion Limit	No information available	None known
Lower Explosion Limit	No information available	None known
Autoignition Temperature (°C)	No information available	None known
Decomposition Temperature (°C)	No information available	None known
Partition Coefficient (n-octanol/water)	No information available.	None known
Explosive properties	No information available	None known
Oxidizing Properties	No information available	None known

## Section 10: STABILITY AND REACTIVITY

### 10.1.

Reactivity	Not Applicable
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### 10.2.

Chemical Stability	Stable under normal conditions
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### 10.3.

**Possibility Of Hazardous Reactions**

None under normal conditions of use

**10.4.****Conditions To Avoid**

Prevent from freezing

**10.5.****Incompatible Materials**

No materials to be especially mentioned

**10.6.****Hazardous Decomposition Products**

None under normal use

**Section 11: TOXICOLOGICAL INFORMATION****11.1.****Product Information****Inhalation**

There is no data available for this product

**Eye contact**

There is no data available for this product.

**Skin contact**

There is no data available for this product.

**Ingestion**

There is no data available for this product.

**Acute Toxicity****Component**

Chemical Name	LD50 Oral:	LD50 Dermal:	LC50 Inhalation:
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )		
Silica, amorphous 7631-86-9	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 2.2 mg/L ( Rat ) 1 h
5-Chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	= 481 mg/kg ( Rat )		= 1.23 mg/L ( Rat ) 4 h

**Skin corrosion/irritation**

No information available.

**Eye damage/irritation**

No information available.

**Sensitization:**

May cause sensitization by skin contact.

**Mutagenic Effects**

No information available.

**Carcinogenic effects**

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

Chemical Name	EU Annex I Carcinogen Information	IARC
Titanium dioxide 13463-67-7		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."

IARC - International Agency for Research on Cancer

<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Neurological Effects</b>	No information available.
<b>Target Organ Effects:</b>	No information available.
<b>Symptoms</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Freshwater Algae Data	Freshwater Fish Species Data	Water Flea Data
Silica, amorphous 7631-86-9	EC50 = 440 mg/L (72 h)	LC50 = 5000 mg/L Brachydanio rerio (96 h)	EC50 = 7600 mg/L (48 h)
5-Chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	EC50 0.11 - 0.16 mg/L (72 h)	LC50 = 1.6 mg/L Oncorhynchus mykiss (96 h)	EC50 0.12 - 0.3 mg/L (48 h) EC50 0.71 - 0.99 mg/L (48 h) EC50 = 4.71 mg/L (48 h)

### 12.2.

**Persistence / Degradability** No information available.

### 12.3.

**Bioaccumulation / Accumulation** No information available.

Chemical Name	log Pow =
5-Chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	0.75

### 12.4.

**Mobility in soil** No information available.

**Mobility in Environmental Media** No information available.

### 12.5.



**PBT and vPvB assessment** No information available.

**12.6.**

**Other adverse effects** No information available.

## Section 13: DISPOSAL CONSIDERATIONS

**13.1.**

**Waste from Residues/Unused Products** Dispose of in accordance with the European Directives on waste and hazardous waste.

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal.

**EWC waste disposal** No

**Other Information** No information available.

Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORT INFORMATION

**IMDG / IMO** Not regulated

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

**IATA** Not regulated

## Section 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number
Limestone 1317-65-3	-
Titanium dioxide 13463-67-7	-
Diatomaceous earth 61790-53-2	RG 25
Silica, amorphous 7631-86-9	RG 25
5-Chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	-
2-Methyl-4-isothiazolin-3-one 2682-20-4	-

### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

### International Inventories

**AICS: Australia**

**DSL: Canada**

**EINECS: European Union**

**ENCS : Japan**

**IECS : China**

**KECL: South Korea**

**PICCS: Philippines**

**TSCA: United States**

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

### Legend

**AICS** - Australian Inventory of Chemical Substances

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**IECSC** - China Inventory of Existing Chemical Substances

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

### 15.2.

**Chemical Safety Report**

No information available

## **Section 16: OTHER INFORMATION**

### Text of R phrases mentioned in Sections 2 & 3

R34 - Causes burns

R53 - May cause long-term adverse effects in the aquatic environment

R50 - Very toxic to aquatic organisms

R43 - May cause sensitization by skin contact

R23 - Toxic by inhalation

R22 - Harmful if swallowed

R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**Section 16: OTHER INFORMATION****Full text of H-Statements referred to under section 3**

H301 - Toxic if swallowed  
H311 - Toxic in contact with skin  
H314 - Causes severe skin burns and eye damage  
H331 - Toxic if inhaled  
H317 - May cause an allergic skin reaction  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H318 - Causes serious eye damage  
H335 - May cause respiratory irritation

<b>Classification procedure:</b>	Expert judgment and weight of evidence determination
<b>Key literature references and sources for data</b>	Data from internal and external sources
<b>Prepared By</b>	Product Stewardship Department Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645 855-724-6802
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**End of Safety Data Sheet**