

## SAFETY DATA SHEET

Issuing Date 03-Aug-2015

Revision Date: 03-Aug-2015

Revision Number: 1

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

**Product Name** AURA WATERBORNE INTERIOR EGGSHELL FINISH - BASE 3  
**Product Code** 5243X  
**Product List** 5243X K1;5243X K2  
**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.  
 Bainbridge House  
 86-90 London Road  
 Manchester  
 United Kingdom  
 M1 2PW  
 e-mail: ies01.reach@intertek.com

**Emergency Telephone Number(s)**  
 CHEMTREC:  
 +1-703-527-3887 (INTERNATIONAL)  
 1-800-424-9300 (NORTH AMERICA)

### Section 2: HAZARDS IDENTIFICATION

#### 2.1.

REGULATION (EC) No 1272/2008

**Skin sensitization**

Category 1 - (H317)

#### 2.2.

##### Product Identifier

Contains 1,2-Benzisothiazolin-3-one, 2-Methyl-4-isothiazolin-3-one



##### Signal word

Warning

##### Hazard statements

H317 - May cause an allergic skin reaction

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

P280 - Wear protective gloves/protective clothing/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 - GHS Substance Classification	REACH No.
Calcium carbonate	207-439-9	471-34-1	10		Not available
Titanium dioxide	236-675-5	13463-67-7	5		Not available
Silica, amorphous	231-545-4	7631-86-9	5		Not available
1,2-Benzisothiazolin-3-one	220-120-9	2634-33-5	0.1	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)	Not available
2-Methyl-4-isothiazolin-3-one	220-239-6	2682-20-4	0.005	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

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.

---

<b>Ingestion</b>	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**

<b>Most Important Symptoms/Effects</b>	May cause allergic skin reaction
--	----------------------------------

**4.3.**

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

<b>Notes To Physician</b>	Treat symptomatically.
---------------------------	------------------------

## **Section 5: FIRE FIGHTING MEASURES**

**5.1.**

<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.
---------------------------------------	---------------------------

**5.2.**

<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.
---	-----

**5.3.**

<b>Protective Equipment And Precautions For Firefighters</b>	Wear self-contained breathing apparatus and protective suit.
--	--

## **Section 6: ACCIDENTAL RELEASE MEASURES**

**6.1.**

<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.
--------------------------	---

**6.2.**

<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so.
----------------------------------	---

**6.3.**

**Methods For Containment** Absorb with inert material and place in suitable container for disposal.

**Methods For Clean-Up** Clean contaminated surface thoroughly.

**6.4.**

**Other information** See Section 12 for additional information.

**Section 7: HANDLING AND STORAGE**

**7.1.**

**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.

**Hygiene Measures** Wash thoroughly after handling.

**7.2.**

**Storage** 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
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>
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>				

Component	Ireland	Latvia	Lithuania	Poland	Romania	Spain
Calcium carbonate 471-34-1 ( 7.74363 )		TWA: 6 mg/m <sup>3</sup>		NDS: 10 mg/m <sup>3</sup>		VLA-ED: 10 mg/m <sup>3</sup>
Titanium dioxide 13463-67-7 ( 4.69785 )	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>
Silica, amorphous 7631-86-9 ( 2.04545 )	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**

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
<b><u>Personal Protective Equipment</u></b>	
<b>Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>Eye Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	Lightweight protective clothing.
<b>Hand protection</b>	Impervious gloves.
<b>Hygiene Measures</b>	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.**

<b>Appearance</b>	liquid
<b>Odor</b>	little or no odor
<b>Odor Threshold</b>	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/ Method</u></b>
<b>Density (g/L)</b>	1162 - 1210	None known
<b>Relative Density</b>	1.16 - 1.21	None known
<b>pH</b>	No information available	None known
<b>Viscosity (cps)</b>	No information available	None known
<b>Solubility</b>	No information available	None known
<b>Water Solubility</b>	No information available	None known
<b>Evaporation Rate</b>	No information available	None known
<b>Vapor Pressure</b>	No information available	None known
<b>Vapor Density</b>	No information available	None known
<b>Wt. % Solids</b>	50 - 60	None known
<b>Vol. % Solids</b>	40 - 50	None known
<b>Wt. % Volatiles</b>	40 - 50	None known
<b>Vol. % Volatiles</b>	50 - 60	None known
<b>VOC Regulatory Limit (g/L)</b>	0	None known
<b>Boiling Point (°C)</b>	100	None known
<b>Freezing Point (°C)</b>	0	None known
<b>Melting Point (°C)</b>	No information available	None known
<b>Flash Point (°C)</b>	Not applicable	None known
<b>Flammability (solid, gas)</b>	No information available	None known
<b>Upper Explosion Limit</b>	No information available	None known
<b>Lower Explosion Limit</b>	No information available	None known
<b>Autoignition Temperature (°C)</b>	No information available	None known
<b>Decomposition Temperature (°C)</b>	No information available	None known
<b>Partition Coefficient (n-octanol/water)</b>	No information available	None known
<b>Explosive properties</b>	No information available	None known
<b>Oxidizing Properties</b>	No information available	None known

**Section 10: STABILITY AND REACTIVITY**

- 10.1. Reactivity** Not Applicable.
- 10.2. Chemical Stability** Stable under normal conditions.
- 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** Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
  - Ingestion** There is no data available for this product.

**Acute Toxicity**

**Component**

Chemical Name	LD50 Oral:	LD50 Dermal:	LC50 Inhalation:
Calcium carbonate 471-34-1	= 6450 mg/kg ( Rat )		
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
1,2-Benzisothiazolin-3-one 2634-33-5	= 1020 mg/kg ( Rat )		

**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

**Reproductive Effects** No information available.  
**Developmental Effects** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Neurological Effects** No information available.  
**Target Organ Effects** Skin.  
**Symptoms** No information available.  
**Aspiration Hazard** 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)

**12.2.**

**Persistence / Degradability** No information available.

**12.3.**

**Bioaccumulation / Accumulation** No information available.

Chemical Name	log Pow =

1,2-Benzisothiazolin-3-one 2634-33-5	1.3
---	-----

**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** No information available

**Other Information** 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
---------------	------------------



Silica, amorphous 7631-86-9	RG 25
1,2-Benzisothiazolin-3-one 2634-33-5	RG 65

**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**

<b>AICS: Australia</b>	No - Not all of the components are listed.
<b>DSL: Canada</b>	No - Not all of the components are listed. One or more component is listed on NDSL.
<b>EINECS: European Union</b>	No - Not all of the components are listed.
<b>ENCS : Japan</b>	No - Not all of the components are listed.
<b>IECS : China</b>	No - Not all of the components are listed.
<b>KECL: South Korea</b>	No - Not all of the components are listed.
<b>PICCS: Philippines</b>	No - Not all of the components are listed.
<b>TSCA: United States</b>	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**

**Full text of H-Statements referred to under section 3**

- H302 - Harmful if swallowed
- H315 - Causes skin irritation
- H301 - Toxic if swallowed
- H311 - Toxic in contact with skin
- H318 - Causes serious eye damage
- H317 - May cause an allergic skin reaction
- H314 - Causes severe skin burns and eye damage
- H335 - May cause respiratory irritation
- H400 - Very toxic to aquatic life

**Classification procedure:** Expert judgment and weight of evidence determination

**Key literature references and sources for data** Data from internal and external sources

**Prepared By** Product Stewardship Department  
Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
855-724-6802

**Issuing Date** 03-Aug-2015

**Revision Date:** 03-Aug-2015

**Revision Summary** Change to Format

**Disclaimer**

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

**End of Safety Data Sheet**