

## SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

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

**Product Name** BENJAMIN MOORE ADVANCE WATERBORNE INTERIOR  
ALKYD SATIN SUPER WHITE  
**Product Code** 792-S1230 (3001230)  
**Alternate Product Code** 79299  
**Product Class** Water thinned paint  
**Color** White  
**Recommended use** Paint  
**Restrictions on use** No information available

**Manufacturer**  
Benjamin Moore & Co.  
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Phone: 1-866-708-9180  
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+1-703-527-3887 (INTERNATIONAL)  
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### Section 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

**Skin sensitization**

Category 1A - (H317)

#### 2.2. Label elements

##### Product Identifier

Contains 2-Methyl-4-isothiazolin-3-one



Signal word

Warning

**Hazard statements**

H317 - May cause an allergic skin reaction

EUH208 - Contains (1,2-Benzisothiazolin-3-one, 5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1)). May produce an allergic reaction

EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist

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

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P280 - Wear protective gloves and eye/face protection

P321 - Specific treatment (see supplemental first aid instructions on this label)

P501 - Dispose of contents/ container to an approved waste disposal plant

**2.3. Other hazards**

**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-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Titanium dioxide	236-675-5 257-372-4	13463-67-7	>=20 - <25	Not available	01-2119489379-17-01 68
Silica amorphous	231-545-4	7631-86-9	>=1 - <5	Not available	01-2119379499-16-02 81
1,2-Benzisothiazolin-3-one	220-120-9	2634-33-5	>=0.01 - < 0.05	Acute Tox 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	Not available
2-Methyl-4-isothiazolin-3-one	220-239-6	2682-20-4	>=0.001 - <0.005	Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1 (H317) Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 2 (H330) Acute Tox. 3 (H331) Aquatic Acute 1 (H400) Aquatic chronic 1 (H410)	Not available
5-Chloro-2-methyl-3(2H)-isothiazolone mixture with	247-500-7 220-239-6	55965-84-9	>=0.0001 - <0.0005	Acute Tox. 3 (H301) Acute Tox. 2 (H310)	Not available

2-methyl-3(2H)-isothiazolone (3:1)				Acute Tox. 3 (H330) Skin Corr. 1C (H314) Eye Dam 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	
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Full text of H- and EUH-phrases: see section 16

## **Section 4: FIRST AID MEASURES**

### **4.1. Description of first aid measures**

#### **Description of first aid measures**

<b>General Advice</b>	No hazards which require special first aid measures.
<b>Eye Contact</b>	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. If skin irritation persists, call a physician. Wash clothing before reuse. Destroy contaminated articles such as 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.

### **4.2. Most important symptoms and effects, both acute and delayed**

<b>Most Important Symptoms/Effects</b>	May cause allergic skin reaction.
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### **4.3. Indication of any immediate medical attention and special treatment needed**

<b>Notes To Physician</b>	Treat symptomatically.
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## **Section 5: FIRE FIGHTING MEASURES**

### **5.1. Extinguishing media**

<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.

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### 5.2. Special hazards arising from the substance or mixture

Specific Hazards Arising From The Chemical	Closed containers may rupture if exposed to fire or extreme heat.
Sensitivity to static discharge	No
Sensitivity to mechanical impact	No

### 5.3. Advice for firefighters

Protective equipment and precautions for firefighters	Wear self-contained breathing apparatus and protective suit.
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## **Section 6: ACCIDENTAL RELEASE MEASURES**

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
Other Information	Observe all relevant local and international regulations.

### 6.2. Environmental precautions

Environmental precautions	Prevent spreading of vapors through sewers, ventilation systems and confined areas.
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### 6.3. Methods and material for containment and cleaning up

Methods for Containment	Absorb with inert material and place in suitable container for disposal.
Methods for Cleaning Up	Clean contaminated surface thoroughly.

### 6.4. Reference to other sections

Other information	See Section 12 for additional information.
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## **Section 7: HANDLING AND STORAGE**

### 7.1. Precautions for safe handling

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. Conditions for safe storage, including any incompatibilities

Storage	Keep container tightly closed. Keep out of the reach of children.
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**7.3. Specific end use(s)**

**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. Control parameters**

Chemical name	European Union	Belgium	Bulgaria	Cyprus	France	Ireland	
Titanium dioxide 13463-67-7	-	TWA: 10 mg/m <sup>3</sup>	TWA: 10.0 mg/m <sup>3</sup> TWA: 1.0 mg/m <sup>3</sup>	-	TWA: 10 mg/m <sup>3</sup>	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>	
Silica amorphous 7631-86-9	TWA: 0.1 mg/m <sup>3</sup>	-	TWA: 0.07 mg/m <sup>3</sup>	-	-	TWA: 6 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> STEL: 18 mg/m <sup>3</sup> STEL: 7.2 mg/m <sup>3</sup>	
Chemical name	Germany	Greece	Hungary	Iceland	Italy	Latvia	
Titanium dioxide 13463-67-7	-	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	-	6 mg/m <sup>3</sup> TWA	-	TWA: 10 mg/m <sup>3</sup>	
Silica amorphous 7631-86-9	TWA: 4 mg/m <sup>3</sup>	-	-	-	-	TWA: 1 mg/m <sup>3</sup>	
Chemical name	Lithuania	Netherlands	Poland	Romania	Spain	Sweden	United Kingdom
Titanium dioxide 13463-67-7	TWA: 5 mg/m <sup>3</sup>	-	STEL: 30 mg/m <sup>3</sup> TWA: 10 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>	TLV: 5 mg/m <sup>3</sup>	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>
Silica amorphous 7631-86-9	-	TWA: 0.075 mg/m <sup>3</sup>	-	-	-	-	TWA: 6 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> STEL: 18 mg/m <sup>3</sup> STEL: 7.2 mg/m <sup>3</sup>

**8.2. Exposure controls**

**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. Information on basic physical and chemical properties

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)	1276 - 1288	None known
Relative Density	1.27 - 1.29	
pH	No information available	
Viscosity (cps)	No information available	None known
Solubility(ies)	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	45 - 55	None known
Vol. % Solids	30 - 40	None known
Wt. % Volatiles	45 - 55	None known
Vol. % Volatiles	60 - 70	None known
Boiling Point (°C)	100	None known
Freezing Point (°C)	0	None known
Melting Point (°C)	No information available	None known
Pour Point	No information available	None known
Flash Point (°C)	Not applicable	None known
Flammability (solid, gas)	No information available	None known
Upper flammability limit:	No information available	None known
Lower flammability limit:	No information available	None known
Autoignition Temperature (°C)	No information available	None known
Decomposition Temperature (°C)	No information available	None known
Partition coefficient	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

Reactivity Not Applicable.

### 10.2. Chemical stability

Chemical Stability Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal conditions of use.

### 10.4. Conditions to avoid

**Conditions to avoid** Prevent from freezing.

**10.5. Incompatible materials**

**Incompatible Materials** No materials to be especially mentioned.

**10.6. Hazardous decomposition products**

**Hazardous Decomposition Products** None under normal conditions of use.

**Section 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Product Information**

**Inhalation** There is no data available for this product.

**Eye contact** There is no data available for this product.

**Skin contact** Prolonged skin contact may cause skin irritation and/or dermatitis. May cause sensitization by skin contact.

**Ingestion** There is no data available for this product.

**Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )		
Silica amorphous 7631-86-9	= 7900 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 )	> 2000 mg/kg ( Rat )	
2-Methyl-4-isothiazolin-3-one 2682-20-4	232 - 249 mg/kg ( Rat ) = 120 mg/kg ( Rat )	= 200 mg/kg ( Rabbit )	
5-Chloro-2-methyl-3(2H)-isothiazolo ne mixture with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	= 53 mg/kg ( Rat ) = 481 mg/kg ( Rat ) 232 - 249 mg/kg ( Rat ) = 120 mg/kg ( Rat )	= 87.12 mg/kg ( Rabbit ) = 200 mg/kg ( Rabbit )	= 1.23 mg/L ( Rat ) 4 h = 0.11 mg/L ( Rat ) 4 h

**Skin corrosion/irritation** No information available.

**Eye damage/irritation** No information available.

**Sensitization** May cause an allergic skin reaction.

**Mutagenic Effects**

No information available.

**Carcinogenic effects**

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

Chemical name	European Union	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."

**Legend**

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**

No information available.

**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	Algae/aquatic plants	Fish	Crustacea
Silica amorphous 7631-86-9	EC50: =440mg/L (72h, Pseudokirchneriella subcapitata)	LC50: =5000mg/L (96h, Brachydanio rerio)	EC50: =7600mg/L (48h, Ceriodaphnia dubia)
5-Chloro-2-methyl-3(2H)-isothiazolo ne mixture with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	EC50: 0.11 - 0.16mg/L (72h, Pseudokirchneriella subcapitata) EC50: 0.03 - 0.13mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =1.6mg/L (96h, Oncorhynchus mykiss)	EC50: =4.71mg/L (48h, Daphnia magna) EC50: 0.12 - 0.3mg/L (48h, Daphnia magna) EC50: 0.71 - 0.99mg/L (48h, Daphnia magna)

**12.2. Persistence and degradability**

**Persistence / Degradability**

No information available.

**12.3. Bioaccumulative potential**



**Bioaccumulation**

There is no data for this product.

Chemical name	Partition coefficient
1,2-Benzisothiazolin-3-one 2634-33-5	1.3
5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	-0.71 - 0.75

**12.4. Mobility in soil**

**Mobility in soil**

No information available.

**Mobility in Environmental Media**

No information available.

**12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment**

No information available.

Chemical name	PBT and vPvB assessment
Titanium dioxide 13463-67-7	The substance is not PBT / vPvB PBT assessment does not apply
Silica amorphous 7631-86-9	The substance is not PBT / vPvB PBT assessment does not apply
1,2-Benzisothiazolin-3-one 2634-33-5	The substance is not PBT / vPvB
2-Methyl-4-isothiazolin-3-one 2682-20-4	The substance is not PBT / vPvB
5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	The substance is not PBT / vPvB

**12.6. Other adverse effects**

**Other adverse effects**

No information available

**Section 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

**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**

<b>IMDG</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR</b>	Not regulated
<b>ADN</b>	Not regulated
<b>IATA</b>	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 - Australian AIIC Inventory</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 Inventory of Existing Substances</b>	No - Not all of the components are listed.
<b>ENCS - Japan Existing and New Chemical Substances</b>	No - Not all of the components are listed.
<b>IECSC - China Inventory of Existing Substances</b>	No - Not all of the components are listed.
<b>KECL Korea Existing Chemicals Inventory (Annex 1)</b>	No - Not all of the components are listed.
<b>PICCS Philippines Inventory of Chemicals and Chemical Substances</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 Chemical Substances/European 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 assessment

Chemical Safety Report

No information available

## Section 16: OTHER INFORMATION

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

H301 - Toxic if swallowed  
H302 - Harmful if swallowed  
H310 - Fatal in contact with skin  
H311 - Toxic in contact with skin  
H314 - Causes severe skin burns and eye damage  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H330 - Fatal if inhaled  
H331 - Toxic if inhaled  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H411 - Toxic to aquatic life with long lasting effects

<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 800-225-5554
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**End of Safety Data Sheet**