

## 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

**Issuing Date** 21/12/2023

**Revision Date:** 21/12/2023

**Revision Number:** 1

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** STAYS CLEAR ACRYLIC POLYURETHANE, FLAT  
**Product Code** W42500  
**Alternate Product Code** W42500  
**Product Class** FINISH COATING  
**Colour** Clear  
**Recommended use** Topcoat

**Manufacturer**  
 Benjamin Moore & Co.  
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### Section 2: HAZARDS IDENTIFICATION

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

Regulation (EC) No 1272/2008

<b>Skin sensitisation</b>	Category 1 - (H317)
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#### 2.2. Label elements

**Product Identifier**  
 Contains 1,2-Benzisothiazol-3(2H)-one



**Signal word**

Warning

**Hazard statements**

H317 - May cause an allergic skin reaction

**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/vapours/spray

P280 - Wear protective gloves

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

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

**2.3. Other hazards****Other hazards** Causes mild skin irritation**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	UK REACH Registration Number (DUIN)
Propanol, 1(or 2)-(2-methoxymethylethoxy)-	252-104-2	34590-94-8	>=5 - <10	Flam. liq 4 (H227)		
Silica, amorphous, precipitated and gel	231-545-4	112926-00-8	>=5 - <10	Not available	01-2119379499-16-0281	UK-01-250993046-1-7-0005
1,2-Propanediol	200-338-0	57-55-6	>=1 - <5	Not available	01-2119456809-23-0224	UK-01-670268793-9-4-0013
1,2-Benzisothiazol-3(2H)-one	220-120-9	2634-33-5	>=0.05 - <0.1	Acute Tox 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)		

**Section 4: FIRST AID MEASURES****4.1. Description of first aid measures****Description of first aid measures**

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<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.
<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: FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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<b>Unsuitable Extinguishing Media</b>	No information available.
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#### **5.2. Special hazards arising from the substance or mixture**

<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
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<b>Sensitivity to static discharge</b>	No
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<b>Sensitivity to mechanical impact</b>	No
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#### **5.3. Advice for firefighters**

<b>Protective equipment and precautions for firefighters</b>	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**

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Ensure
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adequate ventilation.

**Other Information**

Observe all relevant local and international regulations.

**6.2. Environmental precautions**

**Environmental precautions**

Prevent spreading of vapours through sewers, ventilation systems and confined areas.

**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.

**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.

**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
Propanol, 1(or 2)-(2-methoxymethyl-ethoxy)- 34590-94-8	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> skin	Potential for cutaneous absorption TWA: 50 ppm TWA: 308.0 mg/m <sup>3</sup> S*	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> S*	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> STEL: 150 ppm STEL: 924 mg/m <sup>3</sup> Sk*
Silica, amorphous,	-	TWA: 10 mg/m <sup>3</sup>	TWA: 10.0 mg/m <sup>3</sup>	-	-	-

precipitated and gel 112926-00-8			TWA: 0.1 mg/m <sup>3</sup>				
1,2-Propanediol 57-55-6	-	-	-	-	-	-	TWA: 10 mg/m <sup>3</sup> TWA: 150 ppm TWA: 470 mg/m <sup>3</sup> STEL: 1410 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 450 ppm
<b>Chemical name</b>	<b>Germany TRGS</b>	<b>Greece</b>	<b>Hungary</b>	<b>Iceland</b>	<b>Italy MDLPS</b>	<b>Latvia</b>	
Propanol, 1(or 2)-(2-methoxymethylet hoxo)- 34590-94-8	TWA: 50 ppm TWA: 310 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> STEL: 150 ppm STEL: 900 mg/m <sup>3</sup> S*	TWA: 308 mg/m <sup>3</sup>	50 ppm TWA 300 mg/m <sup>3</sup> TWA Skin	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> pelle*	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> S*	
1,2-Propanediol 57-55-6	-	-	-	-	-	-	TWA: 7 mg/m <sup>3</sup>
<b>Chemical name</b>	<b>Lithuania</b>	<b>Netherlands</b>	<b>Poland</b>	<b>Romania</b>	<b>Spain</b>	<b>Sweden</b>	<b>United Kingdom</b>
Propanol, 1(or 2)-(2-methoxymethylet hoxo)- 34590-94-8	TWA: 308 mg/m <sup>3</sup> TWA: 50 ppm STEL: 450 mg/m <sup>3</sup> STEL: 75 ppm S*	TWA: 300 mg/m <sup>3</sup>	STEL: 480 mg/m <sup>3</sup> TWA: 240 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> S*	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> via dérmica*	TLV: 50 ppm TLV: 300 mg/m <sup>3</sup> STEL: 75 ppm STEL: 450 mg/m <sup>3</sup> skin	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> STEL: 150 ppm STEL: 924 mg/m <sup>3</sup> Sk*
Silica, amorphous, precipitated and gel 112926-00-8	-	-	TWA: 10 mg/m <sup>3</sup> TWA: 2 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>
1,2-Propanediol 57-55-6	TWA: 7 mg/m <sup>3</sup>	-	TWA: 100 mg/m <sup>3</sup>	-	-	-	TWA: 150 ppm TWA: 474 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> STEL: 450 ppm STEL: 1422 mg/m <sup>3</sup> STEL: 30 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
Odour	little or no odor
Odour Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
Density (g/L)	1054 - 1066	None known	
Relative Density	1.05 - 1.07		
pH	No information available	None known	
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	
Vapour pressure @20 °C (kPa)	No information available	None known	
Relative vapour density	No information available	None known	
Wt. % Solids	30 - 40	None known	
Vol. % Solids	30 - 40	None known	
Wt. % Volatiles	60 - 70	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	
Oxidising 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**

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

**Ingestion**

There is no data available for this product.

**Acute Toxicity**

**Component Information**

Caution - This mixture contains a substance not yet fully tested

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propanol, 1(or 2)-(2-methoxymethylethoxy)- 34590-94-8	= 5.35 g/kg ( Rat )	= 9500 mg/kg ( Rabbit )	
1,2-Propanediol 57-55-6	= 20 g/kg ( Rat )	= 20800 mg/kg ( Rabbit )	
1,2-Benzisothiazol-3(2H)-one 2634-33-5	= 1020 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	

**Skin corrosion/irritation**

No information available.

**Eye damage/irritation**

No information available.

**Sensitisation**

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.

**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
Propanol, 1(or 2)-(2-methoxymethylethoxy)-34590-94-8		LC50: >10000mg/L (96h, Pimephales promelas)	LC50: =1919mg/L (48h, Daphnia magna)
1,2-Propanediol 57-55-6	EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata)	LC50 41 - 47 mL/L Oncorhynchus mykiss (96 h) LC50 = 710 mg/L Pimephales promelas (96 h) LC50 = 51600 mg/L Oncorhynchus mykiss (96 h) LC50 = 51400 mg/L Pimephales promelas (96 h)	EC50 > 1000 mg/L (48 h) EC50 > 10000 mg/L (24 h)

### 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
Propanol, 1(or 2)-(2-methoxymethylethoxy)-34590-94-8	-0.064
1,2-Benzisothiazol-3(2H)-one 2634-33-5	1.3

### 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
Propanol, 1(or 2)-(2-methoxymethylethoxy)- 34590-94-8	The substance is not PBT / vPvB
1,2-Propanediol 57-55-6	The substance is not PBT / vPvB PBT assessment does not apply
1,2-Benzisothiazol-3(2H)-one 2634-33-5	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****IMDG**

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****National regulations**

**Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number
Propanol, 1(or 2)-(2-methoxymethylethoxy)- 34590-94-8	RG 84
1,2-Propanediol 57-55-6	RG 84
1,2-Benzisothiazol-3(2H)-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>AIIC</b>	No - Not all of the components are listed.
<b>DSL: Canada</b>	Yes - All components are listed or exempt.
<b>EINECS: European Union Inventory of Existing Substances</b>	No - Not all of the components are listed.
<b>ENCS</b>	No - Not all of the components are listed.
<b>IECSC</b>	No - Not all of the components are listed.
<b>KECL</b>	No - Not all of the components are listed.
<b>PICCS</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**

H227 - Combustible liquid  
H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
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

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**End of Safety Data Sheet**