



Benjamin Moore®

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. PRODUCT AND COMPANY IDENTIFICATION

Product Name BENJAMIN MOORE COLOUR SAMPLE - BASE 1
Product Code E2001X
Alternate Product Code E2001X
Colour All
Recommended use Paint

Manufacturer
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 1-866-708-9180
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

Supplier
Benjamin Moore UK Ltd.
804 Oxford Avenue
Slough SL1 4LN
Ph: +44 (0) 1753 575756
www.benjaminmoorepaint.co.uk

Emergency Telephone CHEMTREC: +1-703-741-5970
CHEMTREC: (United Kingdom Local Number): +44-870-8200418
CHEMTREC: (London Local Number) +(44)-203-8073798

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to
Regulation (EC) No. 1272/2008
[CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

Product Identifier

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]
EUH208 Contains 1,2-Benzisothiazolin-3-one; Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) May produce an allergic reaction
EUH210 - Safety data sheet available on request
EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist

2.3. Other hazards

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

Other hazards Toxic to aquatic life

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)
Titanium dioxide	236-675-5 257-372-4	13463-67-7	>=20 - <25		01-2119489379-17 -0168	UK-01-733619750 6-0-0011
1,2-Propanediol	200-338-0	57-55-6	>=1 - <5	Not available	01-2119456809-23 -0224	UK-01-670268793 9-4-0013

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

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, lifting lower and upper eyelids. Consult a doctor.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation

Remove to fresh air immediately. Get medical attention immediately.

Ingestion

Rinse mouth immediately and drink plenty of water. Consult a doctor if necessary.

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

Most Important Symptoms/Effects

None known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes To Physician

Treat symptomatically.

Section 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

No information available.

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.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Avoid contact with eyes, skin and clothing. Ensure 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

Soak up with inert absorbent material. Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

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 prolonged contact with eyes, skin, and clothing.
Avoid breathing dust/fume/gas/mist/vapours/spray. 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 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	
Titanium dioxide 13463-67-7	-	TWA: 10 mg/m ³	TWA: 10.0 mg/m ³ TWA: 1.0 mg/m ³	-	TWA: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	
1,2-Propanediol 57-55-6	-	-	-	-	-	TWA: 10 mg/m ³ TWA: 150 ppm TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm	
Chemical name	Germany TRGS	Greece	Hungary	Iceland	Italy MDLPS	Latvia	
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³ TWA: 1.25 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³	-	6 mg/m ³ TWA	-	TWA: 10 mg/m ³	
1,2-Propanediol 57-55-6	-	-	-	-	-	TWA: 7 mg/m ³	
Chemical name	Lithuania	Netherlands	Poland	Romania	Spain	Sweden	United Kingdom
Titanium dioxide 13463-67-7	TWA: 5 mg/m ³	-	TWA: 10 mg/m ³ STEL: 30 mg/m ³	TWA: 10 mg/m ³ STEL: 15 mg/m ³	TWA: 10 mg/m ³	TLV: 5 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³
1,2-Propanediol 57-55-6	TWA: 7 mg/m ³	-	TWA: 100 mg/m ³	-	-	-	TWA: 150 ppm TWA: 474 mg/m ³ TWA: 10 mg/m ³ STEL: 450 ppm STEL: 1422 mg/m ³ STEL: 30 mg/m ³

8.2. Exposure controls

Occupational exposure controls

Engineering Measures	Ensure adequate ventilation, especially in confined areas.
<u>Personal Protective Equipment</u>	
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 or clothing. Take off all contaminated clothing and wash it before reuse. Wash hands 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)	1270 - 1318	None known	
Relative Density	1.27 - 1.32		
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	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
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 This product presents no hazards under normal conditions of use.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information

Inhalation	There is no data for this product.
Eye contact	There is no data for this product.
Skin contact	There is no data available for this product.
Ingestion	There is no data 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
Titanium dioxide 13463-67-7	> 2000 mg/kg (Rat)		> 5.09 mg/L (Rat) 4 h
1,2-Propanediol 57-55-6	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	

Skin corrosion/irritation	No information available.
Eye damage/irritation	No information available.
Sensitisation	No sensitizing effects known.
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		Group 2B
Silica, amorphous, precipitated and gel 112926-00-8		Group 3

• 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.
Target organ effects	Respiratory system, Lungs.
Symptoms	No information available.
Aspiration Hazard	No information available.

11.2. Information on other hazards**11.2.1. Endocrine disrupting properties**

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects 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
1,2-Propanediol 57-55-6	EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =51600mg/L (96h, Oncorhynchus mykiss) LC50: 41 - 47mL/L (96h, Oncorhynchus mykiss) LC50: =51400mg/L (96h, Pimephales promelas) LC50: =710mg/L (96h, Pimephales promelas)	EC50: >1000mg/L (48h, Daphnia magna)

12.2. Persistence and degradability

Persistence / Degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation No information available.

Chemical name	Partition coefficient
1,2-Propanediol 57-55-6	-1.07

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
1,2-Propanediol 57-55-6	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 to an approved waste handling site for recycling or 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****Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number
1,2-Propanediol 57-55-6	RG 84

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**AIIC****DSL: Canada**

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.

EINECS: European Union Inventory of Existing Substances**ENCS****IECSC****KECL****PICCS****TSCA: United States**

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 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

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
800-225-5554

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End of Safety Data Sheet