



SAFETY DATA SHEET

Issuing Date 09-Apr-2015

Revision Date: 09-Apr-2015

Revision Number: 1

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

Product Name	BENJAMIN MOORE PAINT EXTENDER
Product Code	51800
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)
---------------------------	---------------------

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.
1,2-Benzisothiazolin-3-one	220-120-9	2634-33-5	0.1	Xn; R22 Xi; R38-41 R43 N; R50	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)	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
-------------------------------	-----------	-----------	-------	---	--	---------------

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.

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	No information available
5.2.	
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.	
Protective Equipment And Precautions For Firefighters	Wear self-contained breathing apparatus and protective suit.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1.	
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	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****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)	982 - 1030	None known
Relative Density	0.98 - 1.03	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	0 - 10	None known
Vol. % Solids	0 - 10	None known
Wt. % Volatiles	90 - 100	None known
Vol. % Volatiles	90 - 100	None known
VOC Regulatory Limit (g/L)	Not applicable	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

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	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:
1,2-Benzisothiazolin-3-one 2634-33-5	= 1020 mg/kg (Rat)		
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	
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	Freshwater Algae Data	Freshwater Fish Species Data	Water Flea Data
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 =
1,2-Benzisothiazolin-3-one 2634-33-5	1.3
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

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
1,2-Benzisothiazolin-3-one 2634-33-5	RG 65
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**

No - Not all of the components are listed.

DSL: Canada

Yes - All components are listed or exempt.

EINECS: European Union

No - Not all of the components are listed.

ENCS : Japan

No - Not all of the components are listed.

IECS : China

No - Not all of the components are listed.

KECL: South Korea

No - Not all of the components are listed.

PICCS: Philippines

No - Not all of the components are listed.

TSCA: United States

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**

R50 - Very toxic to aquatic organisms
R43 - May cause sensitization by skin contact
R41 - Risk of serious damage to eyes
R38 - Irritating to skin
R22 - Harmful if swallowed
R34 - Causes burns
R53 - May cause long-term adverse effects in the aquatic environment
R23 - Toxic by inhalation
R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed

Full text of H-Statements referred to under section 3

H302 - Harmful if swallowed
H315 - Causes skin irritation
H318 - Causes serious eye damage
H317 - May cause an allergic skin reaction
H400 - Very toxic to aquatic life
H301 - Toxic if swallowed
H311 - Toxic in contact with skin
H314 - Causes severe skin burns and eye damage
H331 - Toxic if inhaled
H410 - Very toxic to aquatic life with long lasting effects
H335 - May cause respiratory irritation

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

09-Apr-2015

Revision Date:

09-Apr-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