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 20/04/2023 **Revision Date:** 20/04/2023 **Revision Number:** 1

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	**SCUFF-X INTERIOR SATIN FINISH - BASE 4**
Product Code	**N4864X**
Alternate Product Code	**N4864X**
Product Class	Water thinned paint
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

Regulation (EC) No 1272/2008

Skin sensitisation	Category 1A - (H317)
Chronic aquatic toxicity	Category 3 - (H412)

2.2. Label elements

Product Identifier
Contains 5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1), 1,2-Benzisothiazolin-3-one, 2-Methyl-4-isothiazolin-3-one

Signal word
Warning

Hazard statements
H317 - May cause an allergic skin reaction
H412 - Harmful to aquatic life with long lasting effects

EUH208 - Contains Carbamic acid, butyl-, 3-iodo-2-propynyl ester, 2-Propenoic acid, butyl ester, 2-Propenoic acid, 2-methyl-, methyl ester, Pentanedial May produce an allergic 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 Harmful 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)
Carbamic acid, butyl-, 3-iodo-2-propynyl ester	259-627-5	55406-53-6	>=0.05 - <0.1	Acute Tox. 4 (H302) Acute Tox. 3 (H331) Eye Dam. 1 (H318) Skin Sens. 1 (H317) STOT RE 1 (H372) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		
1,2-Benzisothiazolin-3-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)		
Pentanedial	203-856-5	111-30-8	>=0.01 - < 0.05	Acute Tox. 3 (H301) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Resp. Sens. 1 (H334) Skin Sens. 1A (H317) STOT SE 3 (H335) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411) (EUH071)		
2-Propenoic acid, butyl ester	205-480-7	141-32-2	>=0.01 - < 0.05	Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Flam. Liq. 3 (H226) STOT SE 3 (H335) Eye Irrit. 2 (H319) Skin Sens. 1 (H317)	01-2119453155-43-0088	UK-01-4420325642-3-0007
2-Propenoic acid, 2-methyl-, methyl ester	201-297-1	80-62-6	>=0.01 - < 0.05	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) STOT SE 3 (H335) Flam. Liq. 2 (H225)		
2-Methyl-4-isothiazolin-3-one	220-239-6	2682-20-4	>=0.005 - <0.01	Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic chronic 1 (H410)		
5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1)	247-500-7 220-239-6	55965-84-9	>=0.001 - <0.005	Acute Tox. 3 (H301) Acute Tox. 2 (H310) Acute Tox. 3 (H330) Skin Corr. 1C (H314) Eye Dam 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		

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 and consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water while 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: 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 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 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

Exposure Limits Contains no substances with occupational exposure limit values

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

Property	Values	Remarks Method
Density (g/L)	1006 - 1042	None known
Relative Density	1.01 - 1.05	
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
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
Carbamic acid, butyl-, 3-iodo-2-propynyl ester 55406-53-6	= 1470 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 0.67 mg/L (Rat) 4 h = 0.63 mg/L (Rat) 4 h = 0.99 mg/L (Rat) 4 h
1,2-Benzisothiazolin-3-one 2634-33-5	= 1020 mg/kg (Rat)	> 2000 mg/kg (Rat)	
Pentanedial 111-30-8	= 252 mg/kg (Rat)	= 1800 mg/kg (Rabbit) = 560 µL/kg (Rabbit)	= 40.1 ppm (Rat) 4 h = 23.5 ppm (Rat) 4 h
2-Propenoic acid, butyl ester 141-32-2	= 2680 mg/kg (Rat)	= 2001 mg/kg (Rabbit)	= 10.3 mg/L (Rat) 4 h

2-Propenoic acid, 2-methyl-, methyl ester 80-62-6	8420 - 10000 mg/kg (Rat)	5000 - 7500 mg/kg (Rabbit)	= 29.8 mg/L (Rat) 4 h
2-Methyl-4-isothiazolin-3-one 2682-20-4		= 200 mg/kg (Rabbit)	
5-Chloro-2-methyl-3(2H)-isothiazolone 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.

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
Carbamic acid, butyl-, 3-iodo-2-propynyl ester 55406-53-6		LC50: 0.049 - 0.079mg/L (96h, Oncorhynchus mykiss) LC50: 0.05 - 0.089mg/L (96h, Oncorhynchus mykiss) LC50: 0.14 - 0.32mg/L (96h, Lepomis macrochirus) LC50: 0.18 - 0.23mg/L (96h, Pimephales promelas)	
Pentanedial	EC50: =0.61mg/L (72h,	LC50: 2.6 - 4.8mg/L (96h,	EC50: 0.56 - 1.0mg/L (48h, Daphnia

111-30-8	Desmodesmus subspicatus) EC50: =0.84mg/L (96h, Desmodesmus subspicatus)	Oncorhynchus mykiss) LC50: 7.8 - 13mg/L (96h, Oncorhynchus mykiss) LC50: 7.8 - 22mg/L (96h, Lepomis macrochirus) LC50: =5.4mg/L (96h, Pimephales promelas)	magna) EC50: =14mg/L (48h, Daphnia magna)
2-Propenoic acid, butyl ester 141-32-2	EC50: =5.5mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =5.2mg/L (96h, Oncorhynchus mykiss)	EC50: =8.2mg/L (48h, Daphnia magna)
2-Propenoic acid, 2-methyl-, methyl ester 80-62-6	EC50: =170mg/L (96h, Pseudokirchneriella subcapitata)	LC50: 243 - 275mg/L (96h, Pimephales promelas) LC50: 125.5 - 190.7mg/L (96h, Pimephales promelas) LC50: 170 - 206mg/L (96h, Lepomis macrochirus) LC50: 153.9 - 341.8mg/L (96h, Lepomis macrochirus) LC50: >79mg/L (96h, Oncorhynchus mykiss) LC50: 326.4 - 426.9mg/L (96h, Poecilia reticulata)	EC50: =69mg/L (48h, Daphnia magna)
5-Chloro-2-methyl-3(2H)-isothiazolone 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
Pentanedial 111-30-8	0.22
2-Propenoic acid, butyl ester 141-32-2	2.38
2-Propenoic acid, 2-methyl-, methyl ester 80-62-6	0.7
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
Carbamic acid, butyl-, 3-iodo-2-propynyl ester 55406-53-6	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

Pentanedial 111-30-8	The substance is not PBT / vPvB
2-Propenoic acid, butyl ester 141-32-2	The substance is not PBT / vPvB PBT assessment does not apply
2-Propenoic acid, 2-methyl-, methyl ester 80-62-6	The substance is not PBT / vPvB PBT assessment does not apply
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

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-Benzisothiazolin-3-one 2634-33-5	RG 65

Pentanedial 111-30-8	RG 65,RG 66
2-Propenoic acid, butyl ester 141-32-2	RG 65
2-Propenoic acid, 2-methyl-, methyl ester 80-62-6	RG 65,RG 82

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	No - Not all of the components are listed.
DSL: Canada	Yes - All components are listed or exempt.
EINECS: European Union Inventory of Existing Substances	No - Not all of the components are listed.
ENCS	No - Not all of the components are listed.
IECSC	No - Not all of the components are listed.
KECL	No - Not all of the components are listed.
PICCS	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 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

EUH071 - Corrosive to the respiratory tract
H225 - Highly flammable liquid and vapour
H226 - Flammable liquid and vapour
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
H319 - Causes serious eye irritation
H330 - Fatal if inhaled
H331 - Toxic if inhaled
H332 - Harmful if inhaled
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335 - May cause respiratory irritation
H372 - Causes damage to organs through prolonged or repeated exposure
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

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