

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

1.1 Product Identifier

Product Name: Wallflex HB Summer

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s): No additional information available

Uses Advised Against: No additional information available

1.3 Details of the supplier of the safety data sheet

Company Name: Polycote UK LLP
Centre Point
Wolseley Road
Woburn Road Industrial Estate
Kempston
Beds
MK42 7EF
Telephone Number: 01234 846400
Emergency Contact Number: 111 (NHS England)
Email address: uksales@polycote.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

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

Skin sensitisation, Category 1; H317

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP):

Hazard pictograms:



Signal word:

Warning

Contains

1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one, OIT

Hazard statements:

H317 - May cause an allergic skin reaction.

Precautionary statements:

P261 - Avoid breathing dust.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective clothing, 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.
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements:

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

2.3 Other hazards:

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances: Not applicable

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Titanium Dioxide substance with national workplace exposure limit(s) (GB)	CAS-No: 13463-67-7 EC-No: 236-675-5 EC Index-No: 022-006-002	10 - 20	Not classified
1,2-benzisothiazol-3(2H)-one	CAS-No: 2634-33-5 EC-No: 220-120-9 EC Index-No: 613-088-00-6	< 0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS (continue)

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
OIT	CAS-No: 26530-20-1	≤ 0.045	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:gas), H330 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3- one	CAS-No: 2634-33-5 EC-No: 220-120-9 EC Index-No: 613-088-00-6	< 0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400
2-methylisothiazol-3(2H)-one	CAS-No: 2682-20-4 EC-No: 220-239-6 EC Index-No: 613-326-00-9	< 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3- one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS-No: 55965-84-9 EC Index-No: 613-167-00-5	< 0.01	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Specific concentration limits:

Name	Product identifier	Specific concentration limits
1,2-benzisothiazol-3(2H)-one	CAS-No: 2634-33-5 EC-No: 220-120-9 EC Index-No: 613-088-00-6	(0.05 ≤ C ≤ 100) Skin Sens. 1, H317
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3- one	CAS-No: 2634-33-5 EC-No: 220-120-9 EC Index-No: 613-088-00-6	(0.05 ≤ C ≤ 100) Skin Sens. 1, H317
2-methylisothiazol-3(2H)-one	CAS-No: 2682-20-4 EC-No: 220-239-6 EC Index-No: 613-326-00-9	(0.0015 ≤ C ≤ 100) Skin Sens. 1A, H317
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3- one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS-No: 55965-84-9 EC Index-No: 613-167-00-5	(0.0015 ≤ C ≤ 100) Skin Sens. 1A, H317 (0.06 ≤ C < 0.6) Skin Irrit. 2, H315 (0.06 ≤ C < 0.6) Eye Irrit. 2, H319 (0.6 ≤ C ≤ 100) Skin Corr. 1C, H314 (0.6 ≤ C ≤ 100) Eye Dam. 1, H318

Full text of H- and EUH-statements: see section 16

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures:

First-aid measures general:	IF exposed or concerned: Get medical advice/attention. Never give anything by mouth to an unconscious person.
First-aid measures after inhalation:	Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Give oxygen or artificial respiration if necessary.
First-aid measures after skin contact:	Take off contaminated clothing. Gently wash with plenty of soap and water.
First-aid measures after eye contact:	Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately with plenty of water. Get medical advice/attention.
First-aid measures after ingestion:	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.

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

Symptoms/effects after inhalation:	May cause respiratory irritation.
Symptoms/effects after skin contact:	May cause moderate irritation.
Symptoms/effects after eye contact:	May cause eye irritation
Symptoms/effects after ingestion:	May be harmful if swallowed.

SECTION 4: FIRST-AID MEASURES**4.3 Indication of any immediate medical attention and special treatment needed:**

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES**5.1 Extinguishing media:**

Suitable extinguishing media:

Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water spray.

Unsuitable extinguishing media:

Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture:

Hazardous decomposition products in case of fire:

Carbon dioxide. Carbon monoxide.

5.3 Advice for firefighters:

Firefighting instructions:

Do not enter fire area without proper protective equipment, including respiratory protection. Evacuate area. Get the package away from the fire if this can be done without risk. Use water spray or fog for cooling exposed containers.

Protection during firefighting:

Use self-contained breathing apparatus and chemically protective clothing. Wear fire/flammable resistant/retardant clothing. EN 469.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures:****6.1.1. For non-emergency personnel**

Protective equipment:

Wear recommended personal protective equipment.

Emergency procedures:

Act in accordance with local emergency plan. Evacuate unnecessary personnel. Do not touch or walk on the spilled product. Notify fire brigade and environmental authorities.

6.1.2. For emergency responders

Protective equipment:

Do not attempt to take action without suitable protective equipment.

6.2 Environmental precautions:

Do not allow product to spread into the environment. Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

6.3 Methods and material for containment and cleaning up:

For containment:

Contain large spillage with sand or earth.

Methods for cleaning up:

This material and its container must be disposed of in a safe way, and as per local legislation.

6.4 Reference to other sections:

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Additional hazards when processed:

Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling:

Avoid contact with skin and eyes. Use personal protective equipment as required.

Hygiene measures:

Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing and wash it before reuse. Wear personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities:

Storage conditions:

Store in a well-ventilated place. Keep cool. Keep container closed when not in use. Direct sunlight.

Incompatible products:

Oxidizing agent. Strong bases. Strong acids.

7.3 Specific end use(s)

No additional information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters:****8.1.1. National occupational exposure and biological limit values**

Titanium Dioxide (13463-67-7)	
United Kingdom - Occupational Exposure Limits	
Local name	Titanium dioxide
WEL TWA (OEL TWA) [1]	4 mg/m ³ respirable 10 mg/m ³ total inhalable
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)**8.2 Exposure controls:****8.2.1. Appropriate engineering controls**

Ensure that there is a suitable ventilation system. Provide adequate ventilation to minimize dust concentrations.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):

**8.2.2.1. Eye and face protection**

Eye protection:

Chemical goggles or safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Chemical resistant safety shoes

Hand protection:

Type: Disposable gloves

Material: Nitrile rubber (NBR)

Permeation: 6 (> 480 minutes)

Standard: EN 374-3

8.2.2.3. Respiratory protection

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Device: Disposable half mask

Filter type: Type P2

Condition: Dust protection

Standard: EN 143

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Do not exceed the occupational exposure limits (OEL). Avoid creating or spreading dust.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	White, Pink, Grey, Magnolia, Cream, Champagne or Black
Odour:	No data available
Odour threshold:	No data available
pH:	No data available
Relative evaporation rate (butylacetate=1):	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	No data available
Vapour pressure:	No data available
Relative vapour density at 20°C:	No data available
Relative density:	No data available
Density:	1.14 g/l
Solubility:	No data available
Partition coefficient n-octanol/water (Log Pow):	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available

9.2 Other information

VOC content: EU Limit value for this product (cat.A/h) 40g/l (2010). This product contains max. 20g/l VOC

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
10.2 Chemical stability:	Stable under normal conditions of use.
10.3 Possibility of hazardous reactions:	None under normal use.
10.4 Conditions to avoid:	Extremely high or low temperatures
10.5 Incompatible materials:	Oxidizing agent. Strong acids. Strong bases.
10.6 Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects:**

Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified

Titanium Dioxide (13463-67-7)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 6.8 mg/l/4h

Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitisation:	May cause an allergic skin reaction.
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Hazardous to the aquatic environment, short-term (acute):	Not classified
Hazardous to the aquatic environment, long-term (chronic) Not rapidly degradable:	Not classified

Titanium Dioxide (13463-67-7)

LC50 - Fish [1]	> 10000 mg/l
EC50 - Crustacea [1]	> 10000 mg/l
EC50 - Crustacea [2]	27.8 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l
NOEC (chronic)	≥ 2.92 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2 Persistence and Degradation:	No additional information available
12.3 Bioaccumulative potential:	No additional information available
12.4 Mobility in soil:	No additional information available
12.5 Results of PBT and vPvB assessment:	No additional information available
12.6 Other adverse effects:	No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Waste treatment methods:	Must follow special treatment according to local regulation.
Product/Packaging disposal recommendations:	Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: TRANSPORT INFORMATION

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				
14.6 Special precautions for user				
Overland transport:				
Transport by sea:				
Air transport:				
Inland waterway transport:				
Rail transport:				

SECTION 14: TRANSPORT INFORMATION (continue)

14.7	Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
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SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:****15.1.1. EU-Regulations**

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content: EU Limit value for this product (cat.A/h) 40g/l (2010). This product contains max. 20g/l VOC Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.1.2. National regulations No additional information available

15.2. Chemical safety assessment No additional information available

SECTION 16: OTHER INFORMATION**Full text of H- and EUH-statements:**

Acute Tox. 2 (Dermal):	Acute toxicity (dermal), Category 2
Acute Tox. 2 (Inhalation):	Acute toxicity (inhal.), Category 2
Acute Tox. 2 (Inhalation:gas):	Acute toxicity (inhalation:gas) Category 2
Acute Tox. 3 (Dermal):	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral):	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral):	Acute toxicity (oral), Category 4
Aquatic Acute 1:	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1:	Hazardous to the aquatic environment — Chronic Hazard, Category 1
EUH211:	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Eye Dam. 1:	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2:	Serious eye damage/eye irritation, Category 2
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.
H400:	Very toxic to aquatic life.
H410:	Very toxic to aquatic life with long lasting effects.
Skin Corr. 1:	Skin corrosion/irritation, Category 1
Skin Corr. 1B:	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C:	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2:	Skin corrosion/irritation, Category 2
Skin Sens. 1:	Skin sensitisation, Category 1
Skin Sens. 1A:	Skin sensitisation, category 1A

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

Rev: 09/09/2025

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