



## Safety Data Sheet according to (EC) No 1907/2006

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Unibond Anti-Mould White

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Unibond Anti-Mould White

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

Intended use:

Joint sealant, silicone

ua-productsafety.uk@uk.henkel.com

#### 1.4. Emergency telephone number

24 Hours Emergency Tel: +44 0 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: technical.services@henkel.co.uk

### SECTION 2: Hazards identification

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

##### Classification (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

#### 2.2. Label elements

##### Label elements (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

**Supplemental information**      Contains 4,5-Dichloro-2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

**Precautionary statement:**      P102 Keep out of reach of children.  
P101 If medical advice is needed, have product container or label at hand.  
P262 Do not get in eyes, on skin, or on clothing.  
P271 Use only outdoors or in a well-ventilated area.

#### 2.3. Other hazards

Evolves acetic acid during cure.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****General chemical description:**

1-Component silicone joint sealant, acetate-curing (acidic)

**Base substances of preparation:**

Polydimethyl siloxane

Inorganic fillers

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Distillates (Petroleum) hydrotreated middle; Gasoil - unspecified 64742-46-7	265-148-2 01-2119552497-29 01-2119827000-58	10- < 20 %	Asp. Tox. 1 H304
4,5-Dichloro-2-octyl-2H-isothiazol-3-one 64359-81-5	264-843-8	50- < 500 PPM	Acute Tox. 4; Oral H302 Skin Corr. 1B H314 Skin Sens. 1; Dermal H317 Acute Tox. 3; Inhalation H331 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 M factor: 100 M factor (Chron Aquat Tox): 100
Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	265-149-8 01-2119453414-43 01-2119456377-30 01-2119456620-43	1- < 5 %	Asp. Tox. 1 H304

**For full text of the H - statements and other abbreviations see section 16 "Other information".  
Substances without classification may have community workplace exposure limits available.**

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information:**

In case of adverse health effects seek medical advice.

**Inhalation:**

Move to fresh air, consult doctor if complaint persists.

**Skin contact:**

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

**Eye contact:**

Rinse immediately with plenty of running water, seek medical advice if necessary.

**Ingestion:**

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

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

No data available.

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

See section: Description of first aid measures

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

carbon dioxide, foam, powder, water spray jet, fine water spray

#### Extinguishing media which must not be used for safety reasons:

High pressure waterjet

### 5.2. Special hazards arising from the substance or mixture

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) can be released.

### 5.3. Advice for firefighters

Wear protective equipment.

Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Avoid contact with skin and eyes.

Wear protective equipment.

### 6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

### 6.3. Methods and material for containment and cleaning up

Remove mechanically.

Dispose of contaminated material as waste according to Section 13.

### 6.4. Reference to other sections

See advice in section 8

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid skin and eye contact.

Ensure adequate ventilation.

Hygiene measures:

Do not eat, drink or smoke while working.

Wash hands before work breaks and after finishing work.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly sealed.

Store in a cool, dry place.

Temperatures between + 5 °C and + 25 °C

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

### 7.3. Specific end use(s)

Joint sealant, silicone

<b>SECTION 8: Exposure controls/personal protection</b>
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**8.1. Control parameters****Occupational Exposure Limits**Valid for  
Great Britain

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Silicon dioxide 112945-52-5 [SILICA, AMORPHOUS, INHALABLE DUST]		6	Time Weighted Average (TWA):		EH40 WEL
Silicon dioxide 112945-52-5 [SILICA, AMORPHOUS, RESPIRABLE DUST]		2,4	Time Weighted Average (TWA):		EH40 WEL
Acetic acid 64-19-7 [ACETIC ACID]	10	25	Time Weighted Average (TWA):	Indicative	ECTLV
Acetic acid 64-19-7 [ACETIC ACID]	20	50	Short Term Exposure Limit (STEL):	15 minutes	EU SCOEL
Acetic acid 64-19-7 [ACETIC ACID]	10	25	Time Weighted Average (TWA):	8 hours	EU SCOEL

**Occupational Exposure Limits**Valid for  
Ireland

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Distillates (petroleum), hydrotreated middle 64742-46-7 [MINERAL OIL, PURE, HIGHLY & SEVERELY REFINED, INHALABLE FRACTION]		5	Time Weighted Average (TWA):		IR_OEL
Distillates (petroleum), hydrotreated middle 64742-46-7 [MINERAL OIL USED IN METAL WORKING, INHALABLE FRACTION]		0,2	Time Weighted Average (TWA):		IR_OEL
Distillates (petroleum), hydrotreated middle 64742-46-7 [SEVERELY REFINED MINERAL OILS, INHALABLE]		5	Time Weighted Average (TWA):	8 hours	EU SCOEL
Silicon dioxide 112945-52-5 [SILICA, AMORPHOUS, TOTAL INHALABLE DUST]		6	Time Weighted Average (TWA):		IR_OEL
Silicon dioxide 112945-52-5 [SILICA, AMORPHOUS, RESPIRABLE DUST]		2,4	Time Weighted Average (TWA):		IR_OEL
Acetic acid 64-19-7 [ACETIC ACID]	10	25	Time Weighted Average (TWA):	Indicative OELV	IR_OEL
Acetic acid 64-19-7 [ACETIC ACID]	15	37	Short Term Exposure Limit (STEL):	Indicative OELV	IR_OEL
Acetic acid 64-19-7 [ACETIC ACID]	10	25	Time Weighted Average (TWA):	Indicative	ECTLV
Acetic acid 64-19-7 [ACETIC ACID]	20	50	Short Term Exposure Limit (STEL):	15 minutes	EU SCOEL
Acetic acid 64-19-7 [ACETIC ACID]	10	25	Time Weighted Average (TWA):	8 hours	EU SCOEL

**Biological Exposure Indices:**

None

**8.2. Exposure controls:**

Respiratory protection:

Suitable breathing mask when there is inadequate ventilation.

Combination filter: ABEKP (EN 14387)

This recommendation should be matched to local conditions.

Hand protection:

Recommended are gloves made from Nitril rubber ( Material thickness &gt;0,1 mm, Perforation time &lt; 30s).Gloves should be replaced after each short time contact or contamination. Available at laboratory specialized trade or at pharmacies / chemist's shops.

Eye protection:

Protective goggles

Skin protection:

Suitable protective clothing

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	solid pasty varied, according to coloration
Odor	of acetic acid
Odour threshold	No data available / Not applicable
pH	No data available / Not applicable
Initial boiling point	No data available / Not applicable
Flash point	No data available / Not applicable
Decomposition temperature	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Density (23 °C (73.4 °F))	0,96 - 0,98 g/cm <sup>3</sup>
Bulk density	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative) (23 °C (73.4 °F); Solvent: Water)	Insoluble
Solidification temperature	No data available / Not applicable
Melting point	No data available / Not applicable
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Explosive limits	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	No data available / Not applicable
Oxidising properties	No data available / Not applicable

**9.2. Other information**

No data available / Not applicable

**SECTION 10: Stability and reactivity****10.1. Reactivity**

None if used for intended purpose.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

See section reactivity

**10.4. Conditions to avoid**

None if used for intended purpose.

**10.5. Incompatible materials**

None if used properly.

**10.6. Hazardous decomposition products**

Evolves acetic acid during cure.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****General toxicological information:**

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

**Sensitizing:**

An allergic reaction cannot be excluded after repeated skin contact.

**Acute oral toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Distillates (Petroleum) hydrotreated middle; Gasoil - unspecified 64742-46-7	LD50	> 5.000 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)
Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	LD50	> 5.000 mg/kg	oral		rat	

**Acute dermal toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	LD50	> 5.000 mg/kg	dermal		rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

**SECTION 12: Ecological information****General ecological information:**

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Do not empty into drains, soil or bodies of water.

**12.1. Toxicity**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Distillates (Petroleum) hydrotreated middle; Gasoil - unspecified 64742-46-7	LC50	> 10.000 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
4,5-Dichloro-2-octyl-2H- isothiazol-3-one 64359-81-5	NOEC	0,00056 mg/l	Fish	97 d	Oncorhynchus mykiss	OECD 210 (fish early lite stage toxicity test)
	LC50	0,0027 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
4,5-Dichloro-2-octyl-2H- isothiazol-3-one 64359-81-5	EC50	0,0057 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
4,5-Dichloro-2-octyl-2H- isothiazol-3-one 64359-81-5	EC50	0,077 mg/l	Algae	72 h	Pseudokirchnerella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
4,5-Dichloro-2-octyl-2H- isothiazol-3-one 64359-81-5	EC 50	5,7 mg/l	Bacteria	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	LL0	1.000 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	EL0	1.000 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	EL0	1.000 mg/l	Algae	72 h	Pseudokirchnerella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)

**12.2. Persistence and degradability**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Distillates (Petroleum) hydrotreated middle; Gasoil - unspecified 64742-46-7		aerobic	30 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
4,5-Dichloro-2-octyl-2H- isothiazol-3-one 64359-81-5	Not readily biodegradable.	Not specified	> 0 - < 60 %	OECD 301 A - F
Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	readily biodegradable	Not specified	69 %	OECD 301 A - F

**12.3. Bioaccumulative potential / 12.4. Mobility in soil**

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
4,5-Dichloro-2-octyl-2H- isothiazol-3-one 64359-81-5		14		calculation		QSAR (Quantitative Structure Activity Relationship)
4,5-Dichloro-2-octyl-2H- isothiazol-3-one 64359-81-5	2,42					OECD Guideline 107 (Partition Coefficient (n- octanol / water), Shake Flask Method)

**12.5. Results of PBT and vPvB assessment**

Hazardous components CAS-No.	PBT/vPvB

Distillates (Petroleum) hydrotreated middle; Gasoil - unspecified 64742-46-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
4,5-Dichloro-2-octyl-2H-isothiazol-3-one 64359-81-5	Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria
Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

#### 12.6. Other adverse effects

No data available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09.

### SECTION 14: Transport information

#### 14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC content 3,60 %  
(VOCV 814.018 VOC regulation  
CH)



#### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

### SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H331 Toxic if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

#### Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

#### Label elements (DPD):

Safety phrases:

- S2 Keep out of the reach of children.
- S24 Avoid contact with skin.
- S46 If swallowed, seek medical advice immediately and show this container or label.
- S51 Use only in well-ventilated areas.

#### Additional information:

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.

**Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.**