



SAFETY DATA SHEET

ARBO GENERAL PURPOSE BUILDING SILICONE

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

1.1. Product identifier

Product name ARBO GENERAL PURPOSE BUILDING SILICONE

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

Identified uses Sealant.

1.3. Details of the supplier of the safety data sheet

Supplier Adshead Ratcliffe & Co. Ltd.
Derby Road, Belper
Derbyshire.
DE56 1WJ
Tel. (+44) 01773 826661
Fax. (+44) 01773 821215
sds@arbo.co.uk

1.4. Emergency telephone number

Emergency telephone (+44) 01773 826661 (office hours only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Elicitation - EUH208

Environmental hazards Not Classified

Human health Prolonged skin contact may cause redness and irritation.

Environmental The product is not expected to be hazardous to the environment.

2.2. Label elements

Hazard statements EUH208 Contains 2-OCTYL-2H-ISOTHIAZOL-3-ONE. May produce an allergic reaction.

Supplemental label information EUH210 Safety data sheet available on request.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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| DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE; GASOIL - UNSPECIFIED | 30-60% |
| CAS number: 64742-46-7 EC number: 265-148-2 | |
| Classification Asp. Tox. 1 - H304 | |
| TRIACETOXYMETHYLSILANE | 1-5% |
| CAS number: 4253-34-3 EC number: 224-221-9 | |
| Classification Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 | |

The full text for all hazard statements is displayed in Section 16.

Composition comments Polydimethylsiloxane with fillers, auxiliaries. acetoxysilane crosslinking agent.

SECTION 4: First aid measures

4.1. Description of first aid measures

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| General information | In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. |
| Inhalation | Move affected person to fresh air at once. Get medical attention if any discomfort continues. |
| Ingestion | Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if a large quantity has been ingested. Show this Safety Data Sheet to the medical personnel. |
| Skin contact | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. |

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

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| Inhalation | May cause discomfort. |
| Ingestion | May cause discomfort if swallowed. |
| Skin contact | The product contains a small amount of sensitising substance. May cause skin sensitisation or allergic reactions in sensitive individuals. |
| Eye contact | May cause temporary eye irritation. |

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

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| Suitable extinguishing media | Water spray. Foam, carbon dioxide or dry powder. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

5.2. Special hazards arising from the substance or mixture

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| Specific hazards | No unusual fire or explosion hazards noted. |
|-------------------------|---|

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Hazardous combustion products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Acetic acid.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours.

Special protective equipment for firefighters Wear self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes. Wear personal protective equipment (See section 8).

6.2. Environmental precautions

Environmental precautions Do not allow into watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect and place in suitable waste disposal containers and seal securely. Clean any slippery coating that remains using a detergent / soap solution or other biodegradable cleaner.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class Unspecified storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Usage description Gunnable sealant.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments No DNEL or PNEC values available.

8.2. Exposure controls

Protective equipment



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| Appropriate engineering controls | Provide adequate ventilation. |
| Eye/face protection | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. |
| Hand protection | For prolonged or repeated skin contact use suitable protective gloves. It is recommended that gloves are made of the following material: Viton rubber (fluoro rubber). Gloves suitable for up to 60 minutes use. |
| Other skin and body protection | Wear appropriate clothing to prevent repeated or prolonged skin contact. |
| Hygiene measures | No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Wash at the end of each work shift and before eating, smoking and using the toilet. |
| Respiratory protection | If ventilation is inadequate, suitable respiratory protection must be worn. Use of ABEK mask filter during prolonged exposure advised. |

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

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| Appearance | Uncured -paste. Cured - rubber. |
| Colour | Various colours. |
| Odour | Pungent. |
| Odour threshold | Acetic acid: 0.025 mg/m ³ |
| pH | Product displays acidic reaction with water. |
| Melting point | Not applicable. |
| Initial boiling point and range | Not applicable. |
| Flash point | Not applicable. |
| Evaporation rate | Not applicable. |
| Evaporation factor | Not applicable. |
| Upper/lower flammability or explosive limits | Lower flammable/explosive limit: 4 (acetic acid) Upper flammable/explosive limit: 17 (acetic acid) |
| Vapour pressure | Not applicable. |
| Vapour density | Not applicable. |
| Relative density | 0.97 @ 20°C |
| Solubility(ies) | Practically insoluble Hydrolytic decomposition occurs. |
| Partition coefficient | : Not applicable. |
| Auto-ignition temperature | ~ 400°C |
| Viscosity | ~8000 P @ 20°C |
| Explosive properties | Not applicable. |
| Explosive under the influence of a flame | No |
| Oxidising properties | Does not meet the criteria for oxidising. |

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9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures. Moisture curing process releases: a small amount of acetic acid

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not known. Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid contact with the following materials: Water, moisture.

10.5. Incompatible materials

Materials to avoid Reacts with water, basic substances and alcohols. Reaction causes the formation of acetic acid.

10.6. Hazardous decomposition products

Hazardous decomposition products By hydrolysis: Acetic acid. Temperatures of ~ 150 C may generate: A small amount of formaldehyde, through oxidation.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 20,833.33

Acute toxicity - dermal

Notes (dermal LD₅₀) LD50, dermal, rabbit >2009mg/Kg Conclusion by analogy.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Distillates (petroleum), hydrotreated middle; Gasoil - unspecified: LC50 (Rat, 4 h): > 5 266 mg/l Acetic acid: LC 50 (Rat, 4 h) - 11.4 mg/l

Skin corrosion/irritation

Animal data Not irritating (rabbit). Conclusion by analogy.

Serious eye damage/irritation

Serious eye damage/irritation Not irritating (rabbit). Conclusion by analogy.

Skin sensitisation

Skin sensitisation The product contains a small amount of a sensitising substance which may cause an allergic reaction in sensitive individuals.

Germ cell mutagenicity

Genotoxicity - in vitro For this endpoint no toxicological data is available for the whole product.

Carcinogenicity

Carcinogenicity For this endpoint no toxicological data is available for the whole product.

Reproductive toxicity

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Reproductive toxicity - fertility For this endpoint no toxicological data is available for the whole product.

Specific target organ toxicity - single exposure

STOT - single exposure For this endpoint no toxicological data is available for the whole product.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure For this endpoint no toxicological data is available for the whole product.

Aspiration hazard

Aspiration hazard Not relevant, due to the form of the product.

Inhalation No specific health hazards known.

Ingestion No harmful effects expected from quantities likely to be ingested by accident.

Skin contact The product contains a small amount of sensitising substance. May cause an allergic skin reaction.

Eye contact Evaluation in analogy to a tested similar product: Slight irritation possible.

Acute and chronic health hazards Moisture curing process releases a small amount of acetic acid which can irritate skin and mucous membranes.

SECTION 12: Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment. In cross-linked state not soluble in water. Easily separable from water by filtration.

12.1. Toxicity

Toxicity There are no data for the product. Toxicity to fish is improbable.

12.2. Persistence and degradability

Persistence and degradability No data available for the product. Distillates (petroleum) hydrotreated middle; Gasoil - unspecified: 74% (28d) Expected to be readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation in aquatic organisms is not expected.

Partition coefficient : Not applicable.

12.4. Mobility in soil

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

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Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Confirm disposal procedures with environmental engineer and local regulations.

Waste class Recommended EWC Code 08 04 10

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

No information required.

14.2. UN proper shipping name

No information required.

14.3. Transport hazard class(es)

No information required.

14.4. Packing group

No information required.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

No information required.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information required.

SECTION 15: Regulatory information

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

EU legislation Regulation (EC) 1907/2006 REACH (as amended).
Regulation (EC) 1272/2008 CLP (as amended).

Guidance Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Key literature references and sources for data Raw material suppliers SDS.

Revision comments General review

Revision date 24/08/2017

Revision 1

Supersedes date 05/08/2013

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| | |
|----------------------------------|--|
| SDS number | 10253 |
| Hazard statements in full | H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. EUH208 Contains 2-OCTYL-2H-ISOTHIAZOL-3-ONE. May produce an allergic reaction. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.