



SAFETY DATA SHEET

AltroMastic 100

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

1.1. Product identifier

Product name AltroMastic 100

Product number A1M...

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

<p>Supplier</p> <p>Altro Resin Systems Ltd Unit 3 Station Rd Industrial Estate Maiden Newton Dorchester Dorset, United Kingdom DT2 0AE Tel: +44(0)1300320620 Fax: 01300321122 sds@altro.com</p>	<p>Altro GmbH Ebertallee 209 06846 Dessau-Roßlau Germany Tel: +49(0)3406500-0</p>
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1.4. Emergency telephone number

Emergency telephone +44(0)1462480480 (Monday-Friday 09.00-17.00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word Warning

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

Precautionary statements P261 Avoid breathing vapour/ spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with national regulations.

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Contains Trimethoxyvinylsilane

Supplementary precautionary statements P272 Contaminated work clothing should not be allowed out of the workplace.
P302+P352 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment (see medical advice on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

Not applicable.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Trimethoxyvinylsilane	1-5%
CAS number: 2768-02-7	EC number: 220-449-8
	REACH registration number: 01-2119513215-52-XXXX
Classification	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H332	
Skin Sens. 1B - H317	
2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane	<1%
CAS number: 541-02-6	EC number: 208-764-9
	REACH registration number: 01-2119511367-43-XXXX
Classification	
Not Classified	
Dodecamethylcyclohexasiloxane	<1%
CAS number: 540-97-6	EC number: 208-762-8
	REACH registration number: 01-2119517435-42-XXXX
Classification	
Flam. Liq. 3 - H226	
Acute Tox. 3 - H331	
Eye Irrit. 2 - H319	
Asp. Tox. 1 - H304	
Aquatic Chronic 4 - H413	
methanol	<1%
CAS number: 67-56-1	EC number: 200-659-6
	REACH registration number: 01-2119433307-44-XXXX
Classification	
Flam. Liq. 2 - H225	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
STOT SE 1 - H370	

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dioctyltin oxide		<1%
CAS number: 870-08-6	EC number: 212-791-1	REACH registration number: 01-2119971268-27-XXXX

Classification
Repr. 2 - H361
STOT SE 2 - H371
Aquatic Chronic 4 - H413

OCTAMETHYLCYCLOTETRASILOXANE		<1%
CAS number: 556-67-2	EC number: 209-136-7	REACH registration number: 01-2119529238-36-XXXX
M factor (Chronic) = 1		

Classification
Flam. Liq. 3 - H226
Repr. 2 - H361f
Aquatic Chronic 1 - H410

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Consult a physician for specific advice.
Ingestion	Get medical attention immediately.
Skin contact	Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse cautiously with water for several minutes. Consult a physician for specific advice.

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

General information	No other information known.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, foam, dry powder or carbon dioxide.
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

Specific hazards	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
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5.3. Advice for firefighters

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material.

6.4. Reference to other sections

Reference to other sections See Section 1 for emergency contact information. For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear appropriate clothing to prevent skin contamination. Provide adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at temperatures between 5°C and 25°C. Keep container dry. Container must be kept tightly closed when not in use.

7.3. Specific end use(s)

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

Usage description Keep only in the original container.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

methanol

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³

Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

8.2. Exposure controls

Protective equipment



Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Frequent changes are recommended.

Hygiene measures

Keep away from food, drink and animal feeding stuffs. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Appearance	Paste.
Colour	Various colours.
Odour	Characteristic.
Flash point	Not applicable.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	<100 hPa @ 20°C
Vapour density	Not determined.
Relative density	1.03 g/cm ³ @ 20°C
Solubility(ies)	Insoluble in water.

9.2. Other information

Other information	Not applicable.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	See the other subsections of this section for further details.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	The following materials may react with the product: Water, moisture. Under normal conditions of storage and use, no hazardous reactions will occur.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid	Do not allow contact with water.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Methanol.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	May cause sensitisation by skin contact.
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Acute toxicity - oral

ATE oral (mg/kg)	50,000.0
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Acute toxicity - dermal

ATE dermal (mg/kg)	150,000.0
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Acute toxicity - inhalation

ATE inhalation (gases ppm)	72,748.27
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ATE inhalation (vapours mg/l)	118.75
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ATE inhalation (dusts/mists mg/l) 27.27

Skin corrosion/irritation

Summary Prolonged and frequent contact may cause redness and irritation.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Persistence and degradability Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No information available.

12.4. Mobility in soil

Mobility The product hardens to a solid, immobile substance.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not applicable.

12.6. Other adverse effects

Other adverse effects No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste product or used containers in accordance with local regulations

Waste class The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

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

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

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Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78
and the IBC Code

SECTION 15: Regulatory information

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

Guidance No other information known.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
IMDG: International Maritime Dangerous Goods.
IATA: International Air Transport Association.
GHS: Globally Harmonized System.
CAS: Chemical Abstracts Service.
DNEL: Derived No Effect Level.
LC₅₀: Lethal Concentration to 50 % of a test population.
LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
PBT: Persistent, Bioaccumulative and Toxic substance.
SVHC: Substances of Very High Concern.
vPvB: Very Persistent and Very Bioaccumulative.

Classification abbreviations and acronyms STOT RE = Specific target organ toxicity-repeated exposure
Acute Tox. = Acute toxicity
Flam. Liq. = Flammable liquid

General information The information is believed to be correct, but it is not exhaustive and will only be used as a guide, which is based on the current knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

Issued by David Cockhead

Revision date 23/05/2022

Revision 5

Supersedes date 28/03/2019

SDS number 22653

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Hazard statements in full

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H361 Suspected of damaging fertility or the unborn child.
H361f Suspected of damaging fertility.
H370 Causes damage to organs .
H371 May cause damage to organs .
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.