SAFETY DATA SHEET
ARBOMERIC MP 10

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

1.1. Product identifier
Product name  ARBOMERIC MP 10

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

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

2.2. Label elements
Hazard statements  EUH208 Contains 3-(2-AMINOETHYLAMINO)-PROPYLTRIMETHOXYSILANE,
                   DIOCTYLTINBIS(ACETYLAZONATE). 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

3-(2-AMINOETHYLAMINO)-PROPYLTRIMETHOXYSILANE  <1%
CAS number: 1760-24-3  EC number: 217-164-6

Classification
Acute Tox. 4 - H332
Eye Dam. 1 - H318
Skin Sens. 1 - H317
**ARBOMERIC MP 10**

**DIOCTYL TinBIS (ACETYLACETONATE)**

CAS number: 54068-28-9  
EC number: 483-270-6

**Classification**

Skin Sens. 1 - H317  
STOT SE 2 - H371

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

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation**

If inhalation causes adverse effects, remove to fresh air.

**Ingestion**

Rinse mouth thoroughly with water. Give plenty of water to drink. Give milk instead of water if readily available. DO NOT induce vomiting. Get medical attention immediately.

**Skin contact**

Wipe off excess material with cloth or paper. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

**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**

**Inhalation**

No specific symptoms known.

**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**

**Notes for the doctor**

No specific recommendations.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Water spray, fog or mist. 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**

**Specific hazards**

Oxides of carbon. Oxides of nitrogen. No unusual fire or explosion hazards noted.

**Hazardous combustion products**

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

**5.3. Advice for firefighters**

**Protective actions during firefighting**

No specific firefighting precautions known.

**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
Wear appropriate protective clothing. Avoid contact with eyes and skin.

6.2. Environmental precautions

Environmental precautions
Do not discharge into drains or watercourses or onto the ground.

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. Persons susceptible to allergic reactions should not handle this product. 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

8.2. Exposure controls

Protective equipment

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
Use protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Hygiene measures
Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated.

Respiratory protection
No specific recommendations.

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

**Appearance** Paste.

**Colour** Various colours.

**Odour** Mild.

**Odour threshold** Not determined.

**pH** pH (concentrated solution): Not applicable.

**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** Not applicable.

**Vapour pressure** Not applicable.

**Vapour density** Not applicable.

**Relative density** 1.42 - 1.46 @ 20°C

**Solubility(ies)** Insoluble in water.

**Partition coefficient** Not applicable.

**Auto-ignition temperature** ~ 400°C

**Decomposition Temperature** Not determined.

**Viscosity** 6,000 - 10,000 P @ 20°C

**Explosive properties** Not applicable.

**Oxidising properties** Not applicable.

9.2. Other information

**Other information** Not available.

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 and when used as recommended.

10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not known. Will not polymerise.

10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

There are no data available on this product.

Acute toxicity - oral

Notes (oral LD₅₀) For this endpoint no toxicological data is available for the whole product.

Acute toxicity - dermal

Notes (dermal LD₅₀) For this endpoint no toxicological data is available for the whole product.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) For this endpoint no toxicological data is available for the whole product.

Skin corrosion/irritation

Animal data

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

Serious eye damage/irritation

Serious eye damage/irritation For this endpoint no toxicological data is available for the whole product.

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

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

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

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

Inhalation

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.

SECTION 12: Ecological Information

Ecotoxicity

In cross-linked state not soluble in water. Easily separable from water by filtration.
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12.1. Toxicity

Toxicity
There are no data for the product.

12.2. Persistence and degradability

Persistence and degradability
This product is not expected to be readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential
Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information
Dispose of waste product or used containers in accordance with local regulations

Disposal methods
Place waste in labelled, sealed containers.

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.
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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

Revision comments
General review

Revision date
25/04/2017

Revision
1

Supersedes date
12/04/2017

SDS number
10204

Hazard statements in full
EUH208 Contains 3-(2-AMINOETHYLAMINO)-PROPYLTRIMETHOXYSILANE, DIOCTYLTINBIS(ACETYLACETONATE). May produce an allergic reaction.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H371 May cause damage to organs if swallowed.
H411 Toxic to aquatic life with long lasting effects.

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.