

Material Safety Datasheet

Silicone Sealer for Gutters

Ref: M002RW

1. Identification of the substrate/preparation and of the company/undertaking

1.1 Identification/Trade name: Aluminium Gutters & Downpipes

1.2 Manufacturer/Supplier:

Alumasc Water Management Solutions
 Station Road, Burton Latimer, Kettering, Northamptonshire, NN15 5JP, United Kingdom
 Tel: +44 (0)1744 648400 Fax: +44 (0)1744 648401 E-mail: info@alumascwms.co.uk

1.3 Telephone number in case of emergency:

+44 (0)1744 648400

2. Hazards identification

This product should be used in well ventilated areas.

3. Composition and information about the Components

Mixture of polydimethylsiloxanes, inert fillers and benzamido-silane cross-linking agents.

4. First-aid measures

Exposure Route	Symptom	Treatment
Eyes	Smarting	Wash out with plenty of clean water for at least 15 minutes. Raise the eyelids and rinse thoroughly beneath them. If discomfort persists seek medical advice.
Inhalation	Irritation	Move to fresh air. If nose or airways become inflamed seek medical advice.
Skin	Irritation	Rinse hands with cool running water before applying soap. Remove all soiled clothing and wash before re-use.
Ingestion	Choking	Wash mouth out with water and give patient plenty of water to drink.

5. Fire-fighting measures

There is no restriction on extinguishing media.

6. Accidental release measures

6.1 Personal Precautions

See Section 7.

6.2 Cleaning up Spillages

Absorb the non-recoverable material with earth or sand.

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7. Handling and storage

In the event of prolonged and/or repeated handling, it is recommended to use gloves. This product must be handled in well-ventilated facilities.

Product should be stored in a cool place in the original containers tightly closed to protect from humidity and air.

8. Exposure controls/personal protection

8.1 Engineering Measures

This product should be used in well ventilated areas.

8.2 Occupational Exposure Standard (OES)

OES Methanol 8 hr Time Weighted Average (TWA)	260 mg/m ³
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8.2 Personal protective equipment (PPE):

Respiratory protection to EN 140 - EN 143 with an organic vapour cartridge should be worn if product applied in confined and poorly ventilated spaces.

Personal protective clothing e.g. overalls and gloves should be worn when using this product. If the product comes in contact with the skin the affected area(s) should be thoroughly washed immediately. Goggles should be worn wherever there is a risk of the product entering the eyes.

9. Physical and chemical properties

Physical and chemical properties	Thixotropic gel
Odour	Weak aromatic
Viscosity	High viscosity
Vapour pressure	1 mbar at 20° C, 5mbar at 50° C
Ignition temperature	Approx. 450° C
Flash point	240° C
Explosive properties	Not explosive
Solubility in water	Insoluble
pH value	N/A
Density	Approx. 1.18 - 1.28 g/cm ³

10. Stability and reactivity

Conditions contributing to chemical instability	None
Hazardous decomposition products	None
Hazardous reactions	Reacts with water to liberate ethanol

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11. Toxicological information

This product can be handled without risk to health if used properly and if the usual precautions of Industrial hygiene are observed.

12. Ecological information

Water pollution class (WGK): 0 - not generally hazardous to water.
Do not allow to escape into waters, waste water or soil.

13. Disposal considerations

Dispose of empty containers at an authorised site. Disposal of the product must be in accordance with any local or national regulations.

14. Transport information

Classification for conveyance:- Not required.

15. Regulatory information

Chemicals (Hazard Information and Packaging for Supply) Regulations 1994.

16. Other information

Wear gloves during prolonged / repeated use.

In case of contact with eyes, rinse immediately with copious amounts of clean water, and seek medical advice.

After contact with skin, wash immediately with clean water.

Product must only be used in well ventilated areas.

Keep out of reach of children.

If any irritation etc. persist, seek medical advice.

Legislation and Other Information

Health and Safety at Work etc. Act 1974.

Control of Substances Hazardous to Health (COSHH) Regulations 1999.

HSE Guidance Note EH40 (Occupational Exposure Limits).

Any authorised manual on first aid by St John / Red Cross.

Manual Handling Operations Regulations 1992.

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