

Material Safety Data Sheet / 01 A336 Silicone Sponge MSDS



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

1 - Identification of Substance / Preparation Product Code:

Product Code	A336
Manufacturer/Supplier	Advanced Seals & Gaskets Ltd
Address	Polymer Works Hope Street Dudley West Midlands DY2 8RS
Phone Number	+44 (0) 1384 252555
Fax Number	+44 (0) 1384 252373

2 - Composition / Information on Ingredients:

Name	CAS No	%
Ground Quartz (SiO ₂)	14808-60-7	<3
Mixture based on 2,2-AZO Bis(ISOBUTYRONITRILE) (2,2-Dimethyl-2,2-Azodipropionitrile)	78-67-1	* <3

* Chemical blowing agent, this is removed during the production process

Tert.-Butylperbenzoate	614-45-9	#<2
Di-(2,4 dichlorobenzoyl) peroxide	133-14-2	#<1
#Peroxide cross linker, this is used up during production process and is not present in finished product		

3 - Hazards Identification:

Critical Hazard	Not hazardous according to Council Directive 88/379 /EEC and its subsequent amendments
Main Hazard	Not hazardous according to Council Directive 88/379 /EEC and its subsequent amendments

4 - First Aid Measures:

First Aid – Eyes	No first aid should be needed.
First Aid – Skin	No first aid should be needed.
First Aid – Ingestion	No first aid should be needed.
First Aid – Inhalation	No first aid should be needed.

5 - Fire Fighting Measures:

Extinguishing Media	Use Carbon Dioxide, foam, dry powder or fine water spray.
Specific Hazards	
Combustion Products	Silica. Carbon oxides and traces of incompletely burned carbon compounds. When burnt, product may emit formaldehyde vapours. Gases given off when burnt do not contain more than 0.05% chlorine.

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Protection of Fire Fighters

A self-contained respirator and protective clothing should be worn.
Keep containers cool with water spray until well after the fire is out.
Determine the need to evacuate or isolate the area according to your local emergency plan.

6 - Accidental Release Measures:

Personal Precautions

Wear proper protective equipment.

Environmental Precautions

Do not allow large quantities to enter drains or surface waters

Cleaning Up Methods

Collect and place in appropriate container.

7- Storage:

Storage

Store at ambient temperature and atmospheric pressure in a dry environment.
The product should be kept out of direct sunlight (preferably in the dark).
The product should be retained in its original packaging.

8 - Exposure Controls / Personal Protection:

Respiratory Protection

Respiratory protection is not normally required.

Hand Protection

Gloves are not normally required

Eye Protection

Safety glasses are recommended

Skin and Body Protection

Not applicable.

Hygiene Measures

Exercise good industrial practice. Wash after handling, especially before eating, drinking or smoking

9 - Physical and Chemical Properties:

Physical State

Fully cross-linked chemically blown silicone rubber

Form

Bulk sponge

Relative Density

250kg/m³ on a 25mm diameter cord

Explosive properties

None

10 - Stability and Reactivity:

Stability

Stable under normal usage conditions

Conditions to avoid

Prolonged contact with organic fluids

11 - Toxicological Information:

On contact with eyes³

None Known

On skin contact³

None Known

If inhaled³

None Known

On ingestion³

Small amounts should not injure. Swallowing large amounts may cause digestive discomfort.

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Other Health Hazard Information³

Product may emit formaldehyde vapours at temperatures above 150C in presence of air. Formaldehyde vapour is harmful by inhalation and irritating to eyes and respiratory system at breathing concentrations less than one part per million (1 ppm)

(3) This information is based either on test data, extrapolation from tests on similar materials, review of component data, or a combination of these sources.

12 - Ecological Information:

Mobility	No data available
Persistence / Degradability	Not biodegradable
Bioaccumulation	No data available
Ecotoxicity	There is no sign that this material is a risk to the environment
Aquatic Toxicity	This material is insoluble in water

13 - Disposal Considerations:

The disposal of this material presents no toxic or ecological hazard. It can be burnt under controlled conditions or be disposed of in landfills, or be recycled, all according to local legislation

14 - Transport Information:

UK Transport Information	Not Classified
ADR/RID - Class	Not Classified
IMDG - Class	Not Classified
IATA - Class	Not Classified

15 - Regulatory Information:

Labelling	No labelling required under EC-Directive 88/379/EEC 93/21 Annex VI
EEC Classification	Not a dangerous preparation
Notes	Additional national legislation relevant to this matter may be in force

16 - Other Information:

This data sheet was prepared in accordance with Directive 93/112/EC (91/155/EEC) This material is not recommended for use in contact with foodstuffs.

Change Control Date

31/07/2013	Change Created
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The information in this data sheet is strictly confidential and is supplied on the understanding that it will only be used in connection with matters relating to Health and Safety. The information is given in good faith and is to the best of our knowledge true and accurate. However, since the conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee. This statement does not affect the statutory rights of a customer. We do not give any guarantee that additional security measures may be required under particular or exceptional circumstances. It is the responsibility of the user to observe national or local safety regulations. In no case can we accept responsibility for a failure to observe such regulations. Freedom from patent rights must not be assumed. We recommend that you examine any material you select to ensure its suitability for your application. Tolerance(s) applied in accordance with ASG specification No WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated. Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

