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Silicone Sponge Materials Safety Datasheet

Composition/Ingredients

Chemical Characterisation: Chemically Blown, Cellular Silicone Elastomer

Name	CAS No.	%
Ground Quartz (SiO_2)	14808-60-7	<3
Di-(2,4-dichlorobenzoyl)peroxide	133-14-2	<1
Mixture based on 2,2-AZO Bis (ISOBUTYRONITRILE) (2,2-Dimethyl-2,2- Azodipropionitrile	78-67-1	*<3
Tert.-Butylperbenzoate	614-45-9	#<2

Hazards Identification

Not hazardous according to Council Directive 88/379/EEC and its subsequent amendments.

Fire fighting Measures

Suitable extinguishing media	:	Carbon dioxide, foam, dry powder or fine water spray
Unsuitable extinguishing media	:	None known.
Special protective equipment/procedures	:	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.
Hazards during fire fighting	:	None known - Silica. Carbon oxides and traces of incompletely burned carbon compounds.
Hazardous combustion products	:	When burnt, product may emit formaldehyde vapours. Gases given off when burnt do not contain more than 0.05% chlorine.

Accidental Release Measures

Personal precautions	:	Wear proper protective equipment.
Precautions to protect the environment	:	Do not allow large quantities to enter drains or surface waters.
Methods for cleaning up	:	Collect and place in appropriate container.

Handling & Storage

Advice on 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.
Unsuitable packaging materials	:	None known.

Physical & Chemical Properties

Form	:	Bulk Sponge
Colour	:	White (Standard colour)
Physical State	:	Fully cross-linked chemically blown silicone rubber
Density	:	250 kg/m on a 25mm diameter cord
Explosive properties	:	None

Toxicological Information

On contact with eyes	:	No hazard known
On skin contact	:	No hazard known
If inhaled	:	No hazard known
On ingestion	:	Small amounts should not injure. Swallowing large amounts may cause digestive discomfort.
Other Health Hazard Information	:	Product may emit formaldehyde vapours at temperatures above 150°C 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).

First Aid Measures

If inhaled	:	No first aid should be needed.
On contact with eyes	:	No first aid should be needed.
On skin contact	:	No first aid should be needed.
On ingestion	:	No first aid should be needed.

Engineering Controls/Personal Protection

Respiratory protection	:	Respiratory protection is not normally required.
Hand protection	:	Gloves are not normally required
Skin protection	:	Protective equipment is not normally necessary
Eye protection	:	Safety Glasses should be worn
Hygiene measures	:	Exercise good industrial practice. Wash after handling, especially before eating, drinking or smoking
Additional information	:	None known

Stability & Reactivity

Stability	:	Stable under normal usage conditions
Conditions to avoid	:	Prolonged contact with organic fluids

Disposal Consideration

Product disposal	:	When disposing of silicone rubber products, local authority bylaws should be respected. If incineration is used, the incinerator should be designed to effect complete combustion of the gases and fumes produced.
Packaging disposal	:	Dispose of in accordance with local regulations.

Regulatory Information

According to the EEC Directive for labelling, no special labelling is required

Other Information

This product safety data sheet was prepared in compliance with Commission Directive 93/112/EC, 67/548/EEC and 88/379/EEC as well as their relevant amendments, on the approximation of laws, regulation and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come into contact with the product. If the recipient subsequently produces an article containing the Polymax product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Silicone FDA Materials Safety Data Sheet to their own Product Safety Data Sheet in compliance with Commission Directive 88/379/EEC

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Silicone Engineering shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.