

MATERIAL SAFETY DATA

Alphasil

SAFETY BULLETIN

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Silicone Rubber Sponge (Cellular Silicone Elastomer)

PRODUCTS COVERED BY THIS DATA SHEET

All cellular silicone rubber moulded, calendared or extruded products supplied by Yureka S/B

GENERAL DESCRIPTION

All the products mentioned above are silicone rubber based and are specially formulated by Yureka S/B. The exact formulations are confidential. The surface of the cured silicone rubber is dusted with talc, which acts as an anti tack agent.

FIRE AND EXPLOSION HAZARD DATA

Extinguishing media: CO₂, foam, dry powder.

Combustion Products: All the products covered by this data sheet pass the FAR 25.853 (a)(1)(iv) and (v) horizontal burn tests. The gasses given off when the silicone rubber is burnt do not contain more than 0.05% chlorine.

Combustion Residue: The residue after combustion is mainly silicon oxide, which is insulating and hence prevents the spread of flames.

HEALTH HAZARD DATA

Handling: Personnel affected by the talc on the product are recommended to wear gloves.

Irritancy: Trace levels of peroxide may cause skin and eye irritation. Contact with talc may lead to skin irritation.

Ingestion: No known toxicity

REACTIVITY DATA

Incompatibility: Prolonged contact with organic fluids could lead to a deterioration of the silicone rubber.

STORAGE

The shelf life of this product is assured for a minimum of 10 years, providing that the product is stored in accordance with the following conditions:

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

DISPOSAL

When disposing of cellular silicone rubber products, local authority byelaws should be respected. If incineration is used, the incinerator should be designed to effect complete combustion of the gases and fumes produced.

POSSIBLE HAZARDS

No specific hazards are associated with this product