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MATERIAL SAFETY DATA SHEET

According to EC directive 91/155/EEC and subsequent amendments

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Silicone sheet 60 shore

Company : TYM SEALS & GASKETS LTD

Unit A Beacon business centre

Hopton Park

Devizes

Wiltshire

SN10 23Y

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization : Solid Silicone Elastomer

Ingredients :

Name	CAS No.	%
Ground Quartz (SiO ₂)	14808-60-7	<3
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

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

4. 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.

5. 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.

Hazardous 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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6. 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.

7. HANDLING AND 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.
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Unsuitable packaging materials	: None known
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8. ENGINEERING CONTROLS / PERSONAL PROTECTION

Exposure controls	: Refer to Section 7.
Personal protection equipment	
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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	Solid Sheet.
Colour	See product name.
Physical State	Fully cross-linked solid rubber.
Density	Approx. 1200 kg/m ³
Explosive properties	None.

The above information is not intended for use in preparing product specifications.

10. STABILITY AND REACTIVITY

Stability	Stable under normal usage conditions
Conditions to avoid	Prolonged contact with organic fluids
Hazardous decomposition products	See section 11

11. TOXICOLOGICAL INFORMATION

On contact with eyes³	No hazard known.
On skin contact³	No hazard known.
If inhaled³	No hazard known.
On ingestion³	Small amounts should not injure. Swallowing large amounts may cause digestive discomfort.
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).

¹Based on product test data ²Based on assessments from related products ³This 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

Environmental fate and distribution

Sponge material, insoluble in water. No adverse effects are predicted.

Ecotoxicity effects

No adverse effects on aquatic organisms are predicted.

Bioaccumulation

No bioaccumulation potential.

Fate and effects in waste water treatment plants

No adverse effects on bacteria are predicted.