



PRODUCT SAFETY DATA SHEET

Issue 1

10/04/06

1. IDENTIFICATION OF PRODUCT AND THE COMPANY

1.1 Product Name: S4WA / Embedded knitted polyester fabric

1.2 Use: Silicone rubber

1.3 Address: Fenner Drives
Tritton Road
LINCOLN
LN6 7AF

1.4 Telephone: +44 01522 781800
Fax: +44 01522 510029

2. COMPOSITION & INFORMATION ON INGREDIENTS

2.1 Chemical characteristics: SILICONE ELASTOMER
(Dimethylpolysiloxane with vinyl groups + filler) / Embedded polyester fiber weave

HAZARDOUS INGREDIENTS

Name	CAS No.	%	Symbols	Health Risk phrases
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Octamethylcyclotetrasiloxane	556-67-2	<5.0	Repr. Cat 3	R62
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Organic peroxide			Irritant. (Xi)	36/37/38
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3. HAZARD IDENTIFICATION

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

4. FIRST AID MEASURES

4.1 Skin: No first aid should be needed

4.2 Eyes: No first aid should be needed

4.3 Inhalation: No first aid should be needed

4.4 Ingestion: No first aid should be needed

4.5 Other information: None known

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Carbon dioxide, foam, dry powder or fine water spray



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5.2 Unsuitable extinguishing media: None known

5.3 Unusual fire fighting hazards: When burned, toxic vapours are evolved.

5.4 Special fire fighting procedures: Self-contained respirator and protective clothing should be worn.

5.5 Other recommendations: None known

5.6 Combustion products: Silica. Carbon Dioxide and traces of incompletely burned carbon compounds. Traces of fluorinated products. Nitrogen products. Chlorine compounds. Sulphur Products. Metal products

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Wear proper protective equipment.

6.2 Environmental precautions: None established, do not allow large quantities to enter drains or surface waters.

6.3 Cleanup procedure: N/A

7. HANDLING AND STORAGE

7.1 Handling precautions: When grinding, local exhaust ventilation is recommended. General ventilation is required. Avoid eye contact. Do not ingest.

7.2 Storage: Store in a well-ventilated area. Keep in the original container. Do not store with oxidizing agents.

7.3 Unsuitable packaging materials: None established

7.4 Incompatibilities: None known

7.5 Other information: None established

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Exposure controls: Refer to section 7

8.2 Exposure controls for hazardous components:

Name	CAS No.	Exposure limits ¹
SILICA (Amorphous)	7631-86-9	6 mg/m ³ (TWA tot. inhale. dust) 0.3 mg/m ³ (TWA respirable dust)
Octamethylcyclotetrasiloxane	556-67-2	10 ppm TWA

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8.3 Personal protection equipment:

Respiratory: This product cannot normally be inhaled. Suitable respiratory protection should be worn if the product is used in a manner which may generate a respiratory hazard.

Hand: Gloves not normally required

Eye: Safety glasses when grinding/cutting

Skin: Protective equipment is not normally necessary hands before eating, drinking or smoking

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Appearance:** UNCURED and CURED SILICONE RUBBER

Form: RUBBER COMPOUND **Colour:** VARIOUS **Odour:** NONE

9.2 Other data:

Explosive properties: No

Specific gravity: > 1

Oxidizing properties: No

10. STABILITY AND REACTIVITY

10.1 Stability: Stable under normal usage conditions.

Conditions to avoid: None known

Materials to avoid: Can react with strong oxidising agents

Hazardous decomposition products: Product may emit trace quantities of formaldehyde vapours at temperatures above 150 °C in the presence of air. Adequate ventilation is required.

11. TOXICOLOGICAL INFORMATION**Possible Health Effects:**

Skin: Prolonged or repeated contact may lead to slight irritation.

Eyes: May cause temporary discomfort.

Inhalation: No adverse effects are normally expected

Ingestion: No adverse effects are normally expected

Other health hazard information: Product may emit formaldehyde vapour in temperatures above 150 °C in the presence of air.

Formaldehyde vapour is harmful by inhalation and irritating to eyes and

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respiratory system at breathing concentrations less than one part per million (1 ppm).

This product contains a substance which if present as a dust or fume, presents an inhalation risk and is subject to an OEL. This is not relevant to the current physical state of the product, which is not in respirable form.

During heat cure of this product, vapours of 2,6-cis-diphenylhexamethyl cyclotetrasiloxane and phenylheptamethyl cyclotetrasiloxane can be formed in trace quantities. Both of these substances may cause adverse reproductive effects in male animals.

12. ECOLOGICAL IMPACT**12.1 Environmental fate and distribution**

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

12.2 Behavior in the Aquatic compartment:

Mobility: Insoluble in water

Bioaccumulation: No bioaccumulation potential

12.3 Ecotoxicity:

Aquatic: This product is in an insoluble form and is not considered to present a risk to aquatic organisms.

Terrestrial: This product will enter terrestrial environments if, as a component of municipal or industrial solid waste, the product is land filled. It is unlikely that further significant transformation of the product will occur.

13. WASTE DISPOSAL

13.1 Product disposal: Dispose of in accordance with local regulations.

13.2 Packaging disposal: Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

UNNU: N/A

SYMBOLS: N/A

ROAD & RAIL TRANSPORT (ADR / RID)

Not subject to ADR/RID.

SEA TRANSPORT (IMDG)

Not subject to IMDG code.

AIR TRANSPORT (ICAO)

Not subject to ICAO Regulations.



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15. REGULATORY INFORMATION

15.1 EEC Supply classification & labeling:

Contains: Not applicable

S-phrases :S51 Use only in well-ventilated areas.

15.2 National legislation: N/A

Ozone depleting chemicals: No ozone depleting chemicals are present or used in manufacture.

EINECS: All ingredients listed or exempt

TSCA: Not determine

MITI: Not determined

DSL: Not determined

AICS: Not determined

16. OTHER INFORMATION

This product safety data sheet was prepared in compliance with Commission Directive 93/112/EC, 67/548/EEC and 88/279/EEC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labeling 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 here is properly read and understood by all people who may use, handle, dispose of or in any way come into contact with the product. If the recipient subsequently produces a proprietary product containing this Fenner Drives product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Fenner Drives Product 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. Fenner Drives 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.