

Material Safety Data Sheet

Issued 23rd March 2016

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Nature Polyorganosiloxane + auxiliaries.

Hazardous Ingredients None known.

3. HAZARD IDENTIFICATION

Adverse Human Effects This product does not present any particular risk.

Environmental Effects Presents no particular risk to the environment provided the disposal requirements (see sect. 13) & national and local regulations are complied with.

Physical & Chemical Hazards No special hazards under normal conditions of use.

Classification/Special Hazards According to EEC criteria this product is not classified as a hazardous preparation.

4. FIRST AID MEASURES

Inhalation Not specifically applicable

Skin Contact Wash with soap and water.

Eye Contact Rinse with water

Ingestion Not specifically applicable

5. FIRE FIGHTING MEASURES

Suitable Foam, powders, carbon di-oxide (CO₂), water spray.

Not suitable None.

Specific Hazards During combustion trace quantities of toxic and highly flammable gases may be released.

5. FIRE FIGHTING MEASURES (Cont'd)

Special Fire Fighting Measures	Cool down containers / equipment exposed to heat with water spray.
Protection for Fire Fighters	Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	No special measures required. For further information refer to sect. 8 "Exposure controls Personal protection."
Environmental Precautions.	This product does not present any particular risk to the environment.
Cleaning Up Procedures	Recover the product. Keep recovered product for subsequent disposal.

7. HANDLING and STORAGE

Handling Precautions	Avoid eye and excessive skin contact.
Storage	Keep in original container and keep closed. Store away from moisture and in a well ventilated area.
Unsuitable Packaging Materials	None known.
Incompatible Products	Strong oxidizing agents.
Other Information	None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls	No special measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.
Personal Protective Equipment	
(1) Respiratory Protection	Not required.
(2) Hand Protection	Gloves recommended if continual handling.
(3) Eye Protection	Not required.
(4) Skin Protection	Not required.
(5) Industrial Hygiene	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
Other Information	None known.

9. PHYSICAL and CHEMICAL PROPERTIES

Appearance	Physical State	Rubber solid
	Colour	Grey/Trans
	Odour	Slight
	Flash Point	Not Determined
	Ignition Temperature	>400°C.
	Auto Inflammability	Not Determined
	Explosive Properties	Not Determined
	Vapour Pressure	Not Determined
	Density	1.13g/cm ³ approx.
	Solubility in Water	Practically Insoluble
	Ph Value	Not Determined
Further Information	Thermal Decomposition.	>250°C.

10. STABILITY and REACTIVITY

Stability	Stable at room temperatures.
Conditions to Avoid	No dangerous reactions known under normal conditions of use.
Materials to Avoid	Can react with strong oxidizing agents.
Hazardous Decomposition Products	During combustion trace quantities of formaldehyde may be released & therefore ventilation would be required.

11. TOXICOLOGICAL INFORMATION

Skin	No adverse effects are normally expected.
Eyes	No adverse effects are normally expected.
Inhalation	No adverse effects are normally expected.
General Information	According to present experience this material is neither mutagenic, carcinogenic or teratogenic.
Further Information	Not classified as hazardous according to EEC criteria. As stated, formaldehyde may be released in trace quantities during combustion. Formaldehyde vapor is harmful by inhalation and irritating to eyes and respiratory system at breathing concentrations in excess of 2 ppm (2 parts per million). Occupational exposure measurement and control within established limits is necessary for applications where formaldehyde may be formed to ensure worker health and safety.
	Information on current formaldehyde exposure limits can be found in H.S.E. publication "EH 40 / 2005 - Occupational Exposure Limits". This limit is not relevant to the current physical state of the product which is not in respirable form.

12. ECOLOGICAL INFORMATION

Behaviour in the Environment

(1) Air	This product is a solid consisting of high molecular weight silicone and other solid materials. Unless milled to produce a dust or particles it is unlikely to give rise to atmospheric contamination.
(2) Water	Product is a solid, insoluble in water. As the S.G. is >1.0 it will sink to the bottom of a watercourse.
(3) Terrestrial Environment	This product will enter the terrestrial environment if, as a component of municipal or industrial waste, the product is land filled. It is unlikely that further significant transformation of the product will occur.
Persistence / Degradability	This product is not bio-degradable.
Ecotoxicological Effects	According to past experience toxicity to fish is improbable. According to present experience there are no adverse effects on water purification plants.
Bioaccumulation	Not potentially bioaccumulable.
Further Ecological Information	In cross linked state not soluble in water. Easy separable from water by filtration.

13. DISPOSAL CONSIDERATIONS

Material	Dispose of according to local regulations. Observe local byelaws.
Packaging Disposal	Containers can be recycled or reused. Observe local byelaws.

14. TRANSPORT INFORMATION

Road and Rail (RID / ADR)	Not restricted. Non hazardous material.
Sea Transport (IMO / IMDG)	Not restricted. Non hazardous material.
Air Transport (ICAO / IATA)	Not restricted. Non hazardous material.
	The above regulatory prescriptions are those valid on the date of this data sheet.

15. REGULATORY INFORMATION

EEC Regulations	Mandatory labelling / self-classification of hazardous preparations is not applicable
National Regulations	SI 1999 / 3242 - Management of Health and Safety at Work Regulations 1999. Health and Safety at Work Act 1974. Environmental Protection Act 1993 and Subsidiary Regulations. Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

16. OTHER INFORMATION

This Safety Data Sheet should be used in conjunction with technical data sheets, it does not replace them. The information given is based on our knowledge of this product at the time of publication. It is given in good faith. It is the responsibility of persons in receipt of this data sheet to ensure that the information contained herein is properly read and understood by all people who may handle, dispose or in any way come into contact with this product.