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MATERIAL SAFETY DATA SHEET

1) Product Name

Flowsil

General Description

A blend of polydimethylsiloxanes, silica fillers, a mixture of oximosilanes, adhesion promoter and a small amount of organotin compound (plus bulking fillers / pigments as required).

2) Composition Information of Ingredients

Material	%	Risk Phrase	OEL	(ST)DEL (LT)
Oximosilanes	<5	R10 Flammable R22 Harmful if swallowed R38 Irritating to skin R41 Risk of serious damage to eye	N/A See section 3	N/A
Toluene	<1	R11 Highly Flammable	150 ppm	50 ppm

Risk phrases in this section apply only to raw materials, not necessarily finished products.
See 15 Regulatory Information.

3) Hazards Identification

Although the cross-linking agents and adhesion promoter are reasonably hazardous materials, at the concentrations at which they are employed, they do not present a major hazard to the user. From the time of initial exposure to moisture, small amounts of methylethylketoxime evolve slowly. Complete evolution is normally within 5 days. No significant hazard has been observed with this product when used according to the instructions.

4) First Aid Measures

	Hazard	First Aid
Skin	Irritant	Remove soiled clothing immediately and wash the affected area with soap and water. Seek medical advice if irritation persists.
Eyes	Irritant	Wash the affected eye(s) immediately with clean cold water or eyewash and irrigate for at least 15 minutes. Seek medical attention.
Ingestion	Low systemic toxicity	Give water or milk to drink. Do not induce vomiting. Treat symptomatically.
Inhalation	May cause slight nausea.	Remove person to fresh air. Treat symptomatically.

5) Fire Fighting Measures

Extinguishing	Media	Carbon dioxide, foam, dry chemical powder or fine water spray.
Special Equipment		Suitable respiratory equipment.
Exposure Hazards		Noxious or toxic vapours may be emitted if the product is involved in a fire.

6) Accidental Release Measures

This product is supplied only in tightly sealed containers for the purpose of excluding moisture. Should the container be ruptured the product will not readily spill out. Damaged containers should be removed to a safe non-working area and allowed to cure completely before disposal. See 13 Disposal Considerations.

7) Handling & Storage

The product should be kept sealed in its original containers.

8) Exposure Controls / Personal Protection

Respiratory	Ensure adequate ventilation
Hands	Gloves recommended
Eyes	Protective eyewear recommended for use with any industrial product

9) Physical & Chemical Properties

Appearance	Viscous Translucent Liquid
Odour	Characteristic, Sweetly ammoniacal
Flash Point	> 300°C
Flammability	Not classed as flammable under CHIP regulations 1993
Relative Density	1.03 g/cm ³
Viscosity mPas	Approx 30,000
Dispersability	Dispersible in aromatic and chlorinated hydrocarbon solvents

10) Stability & Reactivity

Hazardous thermal decomposition products	Carbon monoxide, carbon dioxide, silicon dioxide
Incompatibility (Materials to avoid)	Moisture
Conditions to avoid	None known

11) Toxicological Information

No detailed toxicological information available. Not expected to be a significantly hazardous product if used in accordance with good industrial practice and good ventilation.

12) Ecological Information

Ecotoxicological Information No data available at this time.

13) Disposal Considerations

Disposal of the fully cured product is not notifiable in the U.K. under the Special Wastes Act 1996. Disposal is normally achieved by burial on an approved site or by burning under controlled conditions. Customers outside of U.K. legislation should consult their own local authorities.

14) Transport Information

UN	Number	None
IACO-Air		None
IMO-Sea		None
ADR-Road		None ProperShipping
Name	None	Addition Data
		Non hazardous for transport

15) Regulatory Information

Supply Classification	None
Hazard Pictogram	None Required
Risk Phrases	None
Safety Phrases	S41. In case of fire and / or explosion, do not breathe fumes. S51. Use only in well ventilated areas.

16) Other Information

Data from the following sources have been used to compile this document.

HSE – EH40/99 Occupational exposure limits 1999

HSC – Safety Data Sheets for substances and preparations dangerous for supply Suppliers Health & Safety Data

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No liability is accepted for any injury, damage or cost arising from the use of any of the information contained within this Product data Sheet since the Customer's treatment is necessarily out of our control.

The data given is based upon current knowledge and experience and is intended as a guide only. Customers should satisfy themselves of the product's suitability for their requirements.