SAFETY DATA SHEET

1. Identification of the Substance / Preparation and of the Company Undertaking

Product Name: SpECseal GP Silicone

Product Use: Acetoxy Silicone Sealant

Company: Speciality Engineering Chemicals

Address: P. O. Box 61347, Dubai, U.A.E.

Telephone: +9714-8836662 Facsimile: +9714-8837696

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2. Composition / Information on Ingredients

Composition: Silicone elastomer.

Hazardous Ingredient (s)	Symbol	R. Phrases	CAS No.	%
Distillates (petroleum), hydrotreated middle	Xn	R65	64742-46-7	28
Triacetoxy(ethyl)silane	C, Xn	R14/34/22	17689-77-9	1.9
Methyltriacetoxysilane	C, Xn	R14/34/22	4253-34-3	1.7

3. Hazards Identification

Non-hazardous according to Council Directive 1999/45/EC and its subsequent amendments.

4. First Aid Measures

On contact with eyes: Flush with water.

On skin contact: Flush with water.

If inhaled: Remove to fresh air.

On ingestion: No first aid should be needed.

5. Fire Fighting Measures

Suitable Extinguishing Media: Carbon Dioxide, foam, dry powder, or fine water spray. Water can be used to cool fire exposed containers.

Unsuitable Extinguishing Media: None known

Hazards during fire fighting: None known

Special Protective Equipment: A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after the fireis out. Determine the needed to evacuate or isolate the area according to your local emergency plan.

Hazard Combustion Products: Silica, carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde

6. Accidental Release Measures

Personal Precautions: Wear proper protective equipment.

Environmental Precautions: Do not allow large quantities to enter drains or surface waters.

Decontamination Procedures: Scrape up and place in a container fitted with a lid. The spilled products produces an extremely slippery surface.

7. Handling and Storage

Handling: General ventilation is recommended. Local ventilation is recommended. Avoid skin and eye contact. Do not breathe vapour.

Storage: Do not store with oxidizing agents. Keep container closed and store away from water or moisture.

8. Exposure Controls / Personal Protection

Engineering Control Measures: Ventilation: Refer to Section 7

Exposure Controls for Hazardous Components

Name	CAS No:	Exposure Limits
Distillates (petroleum), hydrotreated middle	64742-46-7	10mg/m³ STEL Oil Mist, mineral 5mg/m³ TWA Oil Mist, mineral
Triacetoxy(ethyl)silane	17689-77-9	10ppm TWA (CH3COOH) 25mg/m³ TWA (CH3COOH)
Methyltriacetoxysilane	4253-34-3	10ppm TWA (CH3COOH) 25mg/m³ TWA (CH3COOH)

Personal Protective Equipment:

Respiratory protection: Suitable respiratory protection should be worn if the product is used in large quantities, confined spaces or in other circumstances where the OEL may be approached or exceeded.
A full-face mask is recommended
Recommended Filter type: AXE
The choice of a filter type depends on the amount and type of chemical being handled in the workplace. Regarding filter characteristics, contact your respiratory protection supplier.

Hand protection: Chemical protective gloves should be worn: Silver shield(TM). 4H(TM). Viton(TM). Butyl rubber. Nitrile rubber. Neoprene rubber. Regarding glove's breakthrough time, contact your chemical protective glove supplier.

Eye protection: Safety glasses should be worn.

Skin protection: Protective equipment is not normally necessary.

Hygiene measures: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Environmental exposure control: Refer to section 6 and 12.

Additional information: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. Physical and Chemical Properties

Form: Paste

Colour: Colorless

Odour:	Acetic Acid
Explosive properties:	No
Specific Gravity:	0.96
Oxidising properties:	No

10. Stability and Reactivity

Stability:	Stable under normal usage conditions.
Conditions to avoid:	Not known.
Materials to avoid:	Can react with strong oxidising agents. Cures in the presence of water or moisture, releasing a small amount of acetic acid.
Hazardous decomposition products:	See section 11. If this product is heated to >150°C, trace quantities of formaldehyde may be released, and adequate ventilation is required.

11. Toxicological Information

On contact with eyes:	Vapours released during curing may cause eye irritation.
On skin contact:	Can irritate on prolonged or repeated contact.
If inhaled:	The vapour is irritating to the mouth, nose and throat.
On Ingestion:	Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.
Other health hazard information:	This product contains (a) powder(s) hazardous by inhalation. This is not relevant to the current physical form of the product, which is not in a respirable form.

12. Ecological Information

Environmental Assessment:	Solid material. No adverse effects are predicted.
Mobility:	Insoluble in water.
Persistence and Degradability:	Expected not to be not readily biodegradable.
Bioaccumulative Potential:	Not known.
Ecotoxicity:	No adverse effects on aquatic organisms are predicted.

13. Disposal Considerations

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose of through an authorised waste contractor to a licensed site.
Used/Contaminated Product:	As for unused product.
Packaging:	Must be disposed through an authorised waste contractor.

14. Transport Information

UN Number:	Not classified as hazardous for transport
IMO Class:	Not classified as hazardous for transport

IATA/ICAO Class:	Not classified as hazardous for transport
ADR Class:	Not classified as hazardous for transport
Subsidiary risk:	-
Packaging group:	-
Label:	-

Additional information

ADR-HIN:	-		
IMDG-EMS:	-	Marine Pollutant:	No
IMO:			

O. Regulatory Information

Labelling according to EEC Directive

S-phrases: S24 Avoid contact with skin
S51 Use only in well-ventilated areas

National legislation/regulations

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

Status

EINECS: All ingredients listed or exempt.

P. Other Information

Issue no.: 1
Issue date: 11-Nov-10
by: SpEC Technical Department

No liability accepted for any injury, loss, damage or cost arising directly or indirectly from the use of any information contained within this MSDS since the customers treatment of the product is necessarily out of our control.

The data given above is based upon current knowledge and experience. This safety sheet is intended to describe our products in terms of their safety requirements. It does not guarantee the properties of the products described.