

### Material Safety Data Sheet

Information Required for Substances for Use at Work (C.O.S.H.H.)

## HIGH TEMPERATURE SILICONE SEALANT

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

PRODUCT NAME: High Temperature Silicone Sealant 310ml - Clear

PART No.: REGZ36

DISTRIBUTOR: Regin Products Ltd.  
10-12 Tower Square, Huntingdon, Cambs, PE29 7DT  
TEL: 01480 412415  
FAX: 01480 457484

### 2. Composition / Information on Ingredients.

MATERIAL	%	RISK PHRASE	OEL(ST)	OEL(LT)
Acetoxysilanes.	<5	R36/38. Irritating to eyes & skin.	-	-
(Equivalent on hydrolysis to acetic acid)	<3.5	R35. Causes severe burns.	15ppm	10ppm

Risk phrases in this section apply only to raw materials, not necessarily finished products:  
See '15. REGULATORY INFORMATION.'

### 3. Hazards Identification.

Although this product is not classified as irritant, it has been known over many years that operators working in confined areas can experience transient eye and respiratory irritation due to the small amount of acetic acid evolved during the curing cycle. This can be avoided by employing good standards of industrial hygiene and operating in a well ventilated area.

### 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 immediately.
INGESTION:	Low systemic toxicity	Give water or milk to drink. Do not induce vomiting. Treat symptomatically.

INHALATION: Acetic acid in excess of OEL will cause irritation of nasal membranes. Remove person to fresh air. Treat symptomatically.

### **5. Fire Fighting Measures.**

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical powder or fine water spray.

SPECIAL PROTECTIVE EQUIPMENT: Suitable respiratory equipment.

EXPOSURE HAZARDS: Acetic acid and possibly silica dust from hydrolysis and combustion.

### **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.**

This product should be kept sealed in its original containers under normal dry storage conditions.

### **8. Exposure Controls / Personal Protective Equipment (PPE).**

RESPIRATORY: Ensure adequate ventilation.  
HANDS: Gloves recommended.  
EYES: Protective eyewear recommended for use with any industrial product.

### **9. Physical and Chemical Properties.**

APPEARANCE: Clear, thixotropic paste.  
ODOUR: Acetic acid.  
FLASH POINT: >225°C  
FLAMMABILITY: Not classified flammable under CHIP regulations 1999.  
RELATIVE DENSITY: 1.04 g/cm<sup>3</sup>.  
DISPERSABILITY: Dispersible in aromatic and chlorinated hydrocarbon solvents.

### **10. Stability and Reactivity.**

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, silicone dioxide.  
INCOMPATIBILITY (MATERIALS TO AVOID): Moisture.  
CONDITIONS TO AVOID: None known.

### **11. Toxicological Information.**

ACUTE ORAL LD50 (mg/kg): >3000.

## **12. Ecological Information.**

ECOTOXICOLOGICAL INFORMATION: No data available at this time. WGK: 1

## **13. Disposal Considerations.**

Disposal is notifiable in the U.K. under the Deposit of Poisonous Wastes Act 1972. 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.
ICAO-AIR:	None.
IMO-SEA:	None.
ADR-ROAD:	None.
PROPER SHIPPING NAME:	None.
ADDITIONAL 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.

## **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 and Safety Data.

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