

TECHNICAL DATA SHEET

CONSTRUCTION CHEMICALS SANITARY SILICONE

PRODUCT DESCRIPTION

A high modulus, acetic cure, silicone sealant. Fast-cure, flexible, soft silicone rubber. Contains anti-fungal agent to prevent mould growth. Bright glossy colours. low dirt pickup. 25-year life.

APPLICATIONS

For sealing baths, showers, ceramic tiles and sanitary ware.

PRODUCT DATA

Typical Uncured Properties

Specific gravity	0.97
Application rated, ml/10 sec	7-20 (3mm x 0.21 M/mm ²)
Sag ISO 7390	Non sag
Tooling Time (minutes)	5
Tack Free Time (minutes)	10 . 25
Full cure	1 . 2mm per day 23°C
Application temperature	-30°C +50°C

Typical Cured Properties

Hardness shore A	22	ISO 868 BS5889 type B
Tensile strength at break	1.4	ISO 37 rod S1 BS5889 type B
Modulus @ 100% elongation, MPA	0.38	ISO 37 rod S1 BS5889 type B
Elongation at break, %	500	ISO 37 rod S1 BS5889 type B
Temperature resistance	-50°C +100°C	

PACKAGING

Packing volume	300ml
25 cartridges per box	1200 per pallet
Colour	White, translucent, ivory

HEALTH & SAFETY DATA SHEET

SANITARY GRADE SILICONE SEALANTS

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & OF THE COMPANY UNDERTAKING

- A. Product Name Sanitary Grade Silicone Sealant (High Modulus)
B. Supplier Construction Chemicals (UK) Ltd
75 Town Green Street
Rothley
Leicester
LE3 8QZ
C. Emergency Tel. No. 0116 230 1955
D. Appearance White Medium Viscosity Paste
E. Odour Slight (Acetic Acid)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Key to proportions High 61-100%, Med 11-60%, Low 1-10%, Very Low <1%

Key to identification: A = Chip Index No, B = EEC No, C = CAS No.

HAZARDOUS COMPONENTS	CLASSIFICATION R-PHRASES	PROPORTIONS	EXPOSURE LIMIT (OES)	IDENTIFICATION
ACETIC ACID (FROM ACETOXSILANE)	R10 - FLAMMABLE C35 - CORROSIVE	LOW (<10%)	10 PPM (8 HR) 15 PPM (15 MIN)	607-002-00-6(A)

Product is a mixture of dimethyl/polysiloxane oils, plasticiser and inert fillers.

3. HAZARDS IDENTIFICATION

There are no ingredients in this product in concentrations likely to constitute a hazard to health when handled correctly.

4. FIRST AID MEASURES

EYES Wash with copious amounts of water for 15 minutes. If irritation persists seek medical attention.
SKIN Remove excess with paper towel or cloth. Wash with soap and water.
INGESTION Do not induce vomiting. Seek medical attention.
INHALATION Remove to fresh air. If symptoms persist seek medical attention.
Medical Practitioners may obtain further information from the National Poisons Information Centre.

5. FIRE FIGHTING MEASURES

Flash point >100°C (closed cup). All types of fire extinguisher applicable. Will form silica on combustion.

6. ACCIDENTAL RELEASE MEASURES

Scrape up spillage with trowel. Dispose of in accordance with local regulations (see 13).

7. HANDLING AND STORAGE

Store in a cool dry place between 5°C and 25°C. Shelf life 12 months in unopened container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Acetic acid vapours given off during curing process, ensure adequate ventilation. When using do not eat, drink or smoke.

EYES Where risk of eye contamination exists wear goggles. Do not rub eyes with dirty hands.

HANDS, FACE, BODY Wear gloves. Wash hands after work and before breaks.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity	1.04
Packaging	Plastic cartridges (310 ml) in cases of 6.
Flash Point	>100 °C
Ignition Temperature	>150 °C
Boiling Point	N/A
pH	N/A

ether, Solubility Insoluble and immiscible in water. Dispersible in aliphatic and aromatic hydrocarbons and chlorinated solvents.

10. STABILITY AND REACTIVITY

Product is stable under normal ambient conditions. Avoid elevated temperatures to minimise acetic acid vapour.

11. TOXICOLOGICAL INFORMATION

INHALATION Vapour of acetic acid from uncured material may cause irritation of respiratory tract.

INGESTION Irritant to mouth, throat and digestive tract.

SKIN/EYES Contact may induce irritation due to liberation of acetic acid.

12. ECOLOGICAL INFORMATION

As with all chemical based products, entry into drains, sewers and waterways should be avoided. Product can vulcanise underwater and cause blockages. Product is not dangerous to the environment but is not easily destructible or biodegradable.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with Local Authority Regulations. Large quantities should be disposed of by controlled incineration - in installations equipped with smoke scrubbing facilities. Use only licensed waste hauliers and disposal contractors.

14. TRANSPORT INFORMATION

Not regulated.

15. REGULATORY INFORMATION

Not classified as dangerous for supply.

16. OTHER INFORMATION

EH40 - Occupational Exposure Limits.

Approved Carriage List.

Approved Supply List.

The Chemicals (Hazard Information & Packaging) Regulations.

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not be construed therefore as guaranteeing specific properties.