



# TECHNICAL INFORMATION SHEET

## CONSTRUCTION CHEMICALS MULTI-PURPOSE SILICONE

### **PRODUCT DESCRIPTION**

Construction Chemicals MP Silicone is a high modulus, acetoxy curing silicone sealant. It is based on highly quality, one component durable elastic based on polysiloxanes. Available in Clear, White, Brown and Black.

### **ADVANTAGES**

- \* Excellent adhesion to glass, ceramics and porcelain
- \* Excellent temperature resistance
- \* Easy to apply
- \* Conforms to BS 5889 : Type A

### **TECHNICAL DATA**

Specific Gravity:	Ca. 1.05
Consistency:	Thixotropic
Skinning Time:	5 minutes @ 20°C, 60% humidity
Curing Time:	2 minutes @ 20°C, 60% humidity
Movement Accommodation:	25%
Shrinkage:	None
Shore Hardness:	27
Temperature Resistance:	-40°C - 150°C
NOT Paintable	

### **METHOD OF USE**

- (a) All surfaces must be dry, clean, free from dust, grease, oil, rust, loose particles etc.
- (b) The following substrates do not require any primers: glass, ceramics and enamelled surfaces.
- (c) Joint Dimensions:
- |               |      |
|---------------|------|
| Minimum width | 4mm  |
| Maximum width | 30mm |
| Maximum depth | 10mm |

- (d) Estimating Quantities:

<b><u>Joint Size</u></b>	<b><u>Metres per Cartridge</u></b>
6mm x 6mm	8.6
9mm x 6mm	5.7
12mm x 9mm	2.8
15mm x 15mm	1.4

(e) Service Life: In excess of 20 years

**PACKAGING**

310ml Cartridges, 25 Cartridges per box

**STORAGE**

12 months in a cool, dry place in original unopened packaging

**HANDLING PRECAUTIONS**

Construction Chemicals products are generally harmless provided they are used as instructed and that certain precautions normally taken when handling chemicals are observed e.g., do not allow any material to come into contact with food stuffs. Avoid prolonged contact with skin. Do not swallow. For specific product safety details consult the Material Safety Data Sheet.

**IMPORTANT NOTE**

The information given in this data sheet is based on both current development work and many years field experience. Whilst every effort is made to ensure that the information is reliable we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc.

\*This product is not supplied under BS 5750 Quality System

For further information consult our Technical Department.

# HEALTH & SAFETY DATA SHEET

## MULTI-PURPOSE SILICONE

### ACETOXY SILICONE

#### 1. PRODUCT IDENTIFICATION

Product name Construction Chemicals Multi-Purpose Silicone Sealant  
75 Town Green Street  
Rothley  
Leicester LE7 7NW  
Tel: 0116 2309155 Fax: 0116 2309144

#### 2. COMPOSITION I INFORMATION ON INGREDIENTS

CAS~No	Designation	WGT
017689-77-9	Methyltrimethoxysilane	<4%
004253-34-3	Hexamethyldisilazane	<4 %

#### 3. HAZARDS IDENTIFICATION

##### Potential Health Effects:

Ingestion: Irritation of the mouth Throat and stomach.  
Skin Contact: Uncured product contact may irritation of the skin.  
Inhalation: Causes mild respiratory irritation. Applies only in uncured state.  
Eye contact: Uncured product contact irritates eyes

#### 4. FIRST AID MEASURES

Ingestion: Rinse mouth with water several times and seek medical advice  
Skin: To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water.  
Inhalation: Move person to fresh air.  
Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and seek medical attention if irritation persists

#### 5. FIRE FIGHTING MEASURES

Extinguishing Media: All standard fire fighting media.  
Special Fire fighting Procedures: None Known  
Fire Fighting PPE: Use respiratory protector.

#### 6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled.  
Wipe, scrape or soak up in an inert material and put in a container for disposal.  
Wash walking surfaces with detergent and water to reduce slipping hazard.  
Wear proper protective equipment as specified in the protective equipment section.

#### 7. HANDLING AND STORAGE

Precautions to be taken in handling and storage..  
Keep container closed when not in use.  
Avoid contact with skin and eyes.  
Store in dry and cool place do not store above 30~C  
Product releases acetic acid during application and curing.  
Exposure limit of acetic acid 25mg/m3

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Exhaust ventilation  
Eyewash Stations  
Use in a well ventilated area  
Respiratory Protection: Use in a well ventilated area.  
Protective Gloves: Cloth gloves.  
Eye and Face Protection: Safety Glasses.  
Other Protective Equipment: None Known  
Ventilation: Use only in well ventilated area.

9. **PHYSICAL AND CHEMICAL PROPERTIES**  
 Physical State: Paste.  
 Odour: Pungent Acidic  
 Colour: Various  
 Ignition Temperature: 400C  
 Flash Point: Omitted  
 Specific Gravity (Water=1): 0.98  
 Density (Kg/M3): 980  
 Solubility in water (20~c): Insoluble  
 Explosion Limits in air-lower (%): -  
 Explosion Limits in air-Higher (%): -
10. **STABILITY AND REACTIVITY**  
 Hazardous thermal Decomposition/cornbustion products:  
 If stored and bandied in accordance with standard industrial practices no hazardous reactions are known.
11. **TOXICOLOGICAL INFORMATION**  
 General Information: After cross linking and removal of volatile substances product is not mutagenioc nor cancerogenic nor teratogerric and is not hazardous to man and ecology.  
 Acute Toxicity: No data known  
 Further Toxicological Information: In contact with dampness product separates a small quantity of acetic acid (64~ 1 9~7) which irritates skin and mucous membranes
12. **ECOLOGICAL INFORMATION**  
 Ecological Information: No data at this time. Silicone content is biologically not degradable
13. **DISPOSAL CONSIDERATIONS**  
 Disposal method Material: Dispose in accordance with local regulations by incinerator  
 Disposal method Packaging: Dispose in accordance with local regulations.  
 Clean containers may be recycled
14. **TRANSPORT INFORMATION**  
 UN/NA Number: Non Hazardous Material  
 IMO IMDG-code: Non Hazardous Material  
 ADR (ECE): Non Hazardous Material  
 RAR (IATA): Non Hazardous Material  
 Air Mail / Land Express: Permitted
15. **REGULATORY INFORMATION**  
 This product is not subject to the labelling requirements of EC Directives 67/548/EEC and 88/379/EC as either expressed or implied.
16. **OTHER INFORMATION**  
 These data sheets are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made The recommendation handling procedures are believed to be generally applicable. However each user should review these recommendations in the specific content of the intended use.