



TECHNICAL DATA SHEET

CONSTRUCTION CHEMICALS LOW MODULUS NEUTRAL CURE SILICONE

PRODUCT DESCRIPTION

Neutral cure silicone with methoxy vulcanising system. Enhanced adhesion to porous surfaces and difficult materials. Excellent for high movement joints in PVCu, sanitary and construction applications. Quality gunning and sealing with no corrosive vapour emissions. Available in translucent and colours with bright aspect. Low dirt pick up.

TYPICAL APPLICATIONS

- Perimeter pointing and weathersealing of PVCu, wood and aluminium frames
- General high movement bonding application
- Sensitive surface bonding . mirrors, lead, plated, brass, copper etc.

PRODUCT DATA

Typical Uncured Properties

Specific gravity	1.00
Application rate, g/min	300 (3.2m x 6.3 BAR)
SAG ISO 7390	Non sag
Tooling time (minutes)	≈ 10
Tack free time (minutes)	≈ 25
Full cure	1 . 5mm per day 23°C @ 50% rH
Application temperature	-30°C to +60°C

Typical Cured Properties

Hardness, Shore A	18	
Tensile strength at break	1.5	ASTM D-4112
Modulus @ 100% elongation, mPa	0.37	N/mm ²
Elongation at break, %	450	
Temperature resistance	-40°C to +100°C	
Movement accommodation	± 25%	

Odour Threshold (PPM):	46.8
% Volatile by volume:	<4
Evap. Rate (BuyI Acetate=1):	< 1
Specific Gravity (Water=1):	0.99
Density (Kg/M3):	~990
Solubility in water (2~c):	Insoluble
Explosion Limits in air-lower (%):	-
Explosion Limits in air-Higher (%):	-

10. STABILITY AND REACTIVITY

Hazardous thermal Decomposition/combustion products:

If stored and handled in accordance with standard industrial practices no reactions are known.

11. TOXICOLOGICAL INFORMATION

Methyltrimethoxysilane

Acute oral LD50 (Mg/Kg):	12,500 (RAT)
Acute Dermal LD50 (Mg/Kg):	> 10,000 (RBT)
Acute Inhalation LC50 (Mg/L):	None Found
Other:	None

Hexamethyldisilaxane

Acute oral LD50 (Mg/Kg):	1000 (RAT)
Acute Dermal LD50 (Mg/Kg):	540 (RBT)
Acute Inhalation LC50 (Mg/L):	None Found
Other:	Tested for severe skin irritation and Mild eye irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information:

No data at this time

WGK:

1

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:

N/A

IMO IMDG-code:

N/A

ADR (ECE):

N/A

RAR (IATA):

N/A

15. REGULATOR V INFORMATION

This product is not subject to the labelling requirements of EC Directives 67/548/EEC and 88/379/EC as amended.

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 recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use. If any further information is required please contact.