



SealGuard

**Building & Construction
Silicone Sealants
Neutral-Cure**

Permanently Flexible



FAST
CURING



UV & EXTREME
WEATHER
RESISTANCE



GOOD
ADHESION



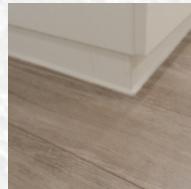
SHRINK &
CRACK-PROOF



www.sealguardtw.com

SG-N01 SILICONE SEALANT NEUTRAL-CURE

Seal-Guard™ SG-N01 Neutral-Cure Silicone Sealant is a one-component silicone sealant with excellent adhesion and weatherseal properties, which is easy to use on most indoor and outdoor applications. It cures to a tack-free state shortly at room temperature and works perfectly on materials including glass, aluminum, steel, painted metal, EIFS, granite and other stone, concrete, brick and plastics.



Single-Component, Neutral-Cure Silicone Adhesive Sealant

- One-part, neutral cure, 100% silicone rubber adhesive sealant that quickly cures at room temperature.
- Exceptional resistance to weathering, sunlight, UV, rain, snow, ozone or extreme temperature.
- Permanently flexible at -30°C to +140°C (-22°F to 284°F)
- Exceptional life-expectancy of more than 20 years.
- Will not shrink, crack, crumble or dry out.
- Designed for indoor and outdoor use.

Applications

- Suitable for most new construction and remedial sealing applications both indoors and outdoors.
- Weather sealing of most common construction materials including glass, aluminum, steel, painted metal, EIFS, granite and other stone, concrete, brick and plastics.

Technical Specifications

Uncured Sealant – Tested at at 25 C and 50% RH

Tack-Free Time (TFT): 6 min. (skin-over time)

Flow Rate (g/min): 99

Flow, Sag or Slump: Non-sag.

Working Time (Tooling): 40 min. or less.

Curing Time (3mm. Bead): 24 hours

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SHRINK & CRACK-PROOF

Applications Usable Life and Storage

Seal-Guard™ SG-N01 Neutral Cure Silicone Sealant should be stored in cool and dry conditions. When stored at or below 30°C (86°F) in the original unopened containers, Seal-Guard™ Neutral Cure Silicone Sealant has a usable life of 12 months from the date of production.

Available Colours:



SG-N01-C
Clear



SG-N01-AL
Aluminum



SG-N01-MB
Black



SG-N01-W
White



SG-N01-MSG
Dark Gray



SG-N01-MLG
Light Gray

TECHNICAL SUBMITTAL

SGS Material and Engineering Laboratory — Test Report

Test Method: ASTM C920-18 (Type S, Grade NS, Class 50, Use NT & M)

Test Item		Test Method	Test Results	#ASTM C920-18 Requirements
Rheological Properties	Vertical Slump (50 °C) (mm)	ASTM C639-15	0	Should not sag more than 4.8 mm
	Vertical Slump (4.4 °C) (mm)		0	
	Horizontal Slump (50 °C)		No Deformation	Shall show no deformation
	Horizontal Slump (4.4 °C)		No Deformation	
Extrusion Rate (mL/min)		Ref.to ASTM C1183 / C1183M – 13 (2024)	56	No less than 10
Hardness (Durometer, Type A)		ASTM C661-15	25	Less than 60
Effect of Heat Aging	Weight Loss (%)	ASTM C1246-17	0.9	Less than 7
	Cracking		No Cracking(Grade#0)	No Cracking
	Cracking		No Chalking	No Chalking
Tack Free Time (h)		ASTM C679-15	No transfer of the sealant to the polyethylene film at 30 min.	Shall be no transfer of the sealant to the polyethylene film at 72 h
Stain and Color change (QUV/100h)		ASTM C510-16	No stain and color change	No stain and color change
Adhesion in Peel—Standard status (With Mortar) (lbf) (Per inch Width)	Sample 1	ASTM C794-18	13.9 (1% Adhesion Area Loss)	The peel strength of each individual test sample should not be less than 5 lbf, and have no more than 25% adhesive bond loss.
	Sample 2		19.1 (2% Adhesion Area Loss)	
	Sample 3		27.9 (2% Adhesion Area Loss)	
	Sample 4		26.7 (4% Adhesion Area Loss)	
Adhesion in Peel—After immersion in water (With Mortar) (lbf) (Per inch Width)	Sample 1		25.8 (2% Adhesion Area Loss)	
	Sample 2		30.4 (2% Adhesion Area Loss)	
	Sample 3		9.9 (0% Adhesion Area Loss)	
	Sample 4		24.5 (4% Adhesion Area Loss)	
Effect of Accelerated Weathering (250 h)	After the specified ultraviolet exposure cycle	ASTM C793-05 (2017)	Example #0 (No cracks)	Not more than the ASTM C793 Fig.1 Example #2 Cracking
	After exposure to cold temperatures and the bend test		Example #0 (No cracks)	Not more than the ASTM C793 Fig.2 Example #2 Cracking

Limited Warranty

The information and test results presented in this document are based on evaluations conducted by both independent third-party laboratories and our in-house testing facilities. They are provided in good faith and believed to be accurate at the time of publication. However, as we have no control over the conditions, methods, or environment in which our products are used, this information should not be considered a substitute for the customer's own testing. It is the responsibility of the user to determine whether **Seal-Guard™** products are suitable, effective, and fully satisfactory for their intended application.

Seal-Guard™ warrants that all products in the **Seal-Guard™** series conform to the specifications stated herein at the time of shipment.

In the event of a breach of this warranty, Seal-Guard's sole obligation shall be limited to either the replacement of the non-conforming product or a refund of the purchase price, at our discretion.





**Seal-Guard™ Silicone Sealant – Ultimate Protection,
Lasting Performance, Exceptional Durability.**

Made in Taiwan

**From DIY projects to professional applications,
Seal-Guard™ Silicone Sealant delivers reliable
performance you can trust.**

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