



# SealGuard

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

*Permanently Flexible*



FAST  
CURING



UV & EXTREME  
WEATHER  
RESISTANCE



GOOD  
ADHESION

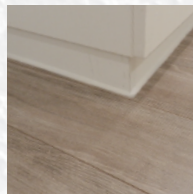


SHRINK &  
CRACK-PROOF

[www.sealguardtw.com](http://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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## 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



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## 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™



**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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