

BOSS[®] 398 Neutral Non-Corrosive Premium Silicone

TYPICAL PROPERTIES

Uncured

Specific Gravity – Colors	1.01
– Clear	1.18
Sag/Slump	NIL
Tack-Free Time	18 min.
Cure Time at 75°F (24°C) and 50% RH (3/8" thickness)	24 hours
Extrusion Rate	290 g/min.

Cured – Physical

Elongation	520%
Durometer Hardness - Clear	18 points
- Colors	25 points
Tensile Strength	200 psi
Service Temperature	-40°F to 325°F
Application Temperature	-35°F to 140°F

*Information on this data sheet is subject to change without notice and should not be used for writing specifications. For additional information on specific applications, contact Soudal.



DESCRIPTION

BOSS[®] 398 is a Non-Corrosive Neutral Cure Premium Grade Adhesive Silicone Sealant which can be used to meet a variety of general industrial sealing and gasketing needs. It cures to silicone rubber and adheres to clean glass, wood, metal, porcelain, ceramic tile, many plastic surfaces including vinyl, painted surfaces and rubber.

FEATURES

- **Non-Corrosive**
- **Neutral cure/low odor**
- **Medium modulus**
- **Excellent adhesion to vinyl, wood, steel, aluminum, glass and plastic**
- **VOC Compliant**
- **Qualifies for LEED Credits**
- **UL Recognized**
- **Sealing electrical equipment**
- **Bonding appliance parts**
- **Permanently flexible**
- **Waterproof/weatherproof**

SPECIFICATIONS

BOSS® 398 Neutral Non-Corrosive Premium Silicone meets the requirements of Federal Specifications TT-S-001543A, TT-S-00230C and ASTM C-920-86.



HOW TO USE

Applying the Material – Tack-Free Time

BOSS® 398 Neutral Non-Corrosive Premium Silicone is supplied ready-to-use. Under pressure it flows readily from its container. The paste-like consistency makes it easy to work; a spatula or wooden paddle can be used for tooling the surface.

The cure progresses inward from the surface. At conditions of at least 75°F (24°C) and 50 percent relative humidity, the sealant forms a tack-free skin in 15-20 minutes. Tooling is not practical after this skin begins forming, and should be completed within 5-7 minutes of application, even though this may require alternate periods of applying and tooling. Likewise, if masking tape has been used to mark off an area, it should be removed before the tack-free skin forms.

CLEAN UP

Uncured sealant can be easily removed using a solvent such as alcohol or acetone. For an environmental and health friendlier choice use BOSS® Biggie Wipes. If the sealant is cured it must be removed mechanically by cutting and scraping.

COLORS

BOSS® 398 Neutral Non-Corrosive Premium Silicone is available in clear, white and black. Special colors available upon request.

PACKAGING

BOSS® 398 Neutral Non-Corrosive Premium Silicone is available in standard caulking cartridges. Other sizes available upon request.

SHIPPING LIMITATIONS

None.

Reactive VOC 29 g/l (<3% wt) (Clear)

Reactive VOC 26 g/l (<3% wt) (Colors)

LIMITATIONS

- Applications involving prolonged submersion in water, including aquariums
- Surfaces that require painting
- Totally confined spaces, as sealant needs atmospheric moisture for curing
- Structural glazing

STORAGE AND SHELF LIFE

When stored in original unopened containers at or below 80°F (27°C), **BOSS® 398** has a shelf life of 12 months from date of shipment. In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building.

CAUTION

DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE AND THROAT. Avoid eye and skin contact. Use only outdoors or in a well ventilated area. Do not handle contact lenses with sealant on hands. IN CASE OF EYE CONTACT, flush eyes with water for 15 minutes. Obtain medical attention. IN CASE OF SKIN CONTACT, remove from skin and flush with water. KEEP OUT OF REACH OF CHILDREN. For safe handling information on this product, consult the Safety Data Sheet (SDS).

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non-warranty: Because the storage, handling and application of the material is beyond Soudal's control, we can accept no liability for the results obtained. Soudal's sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Soudal will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

BOSS® PRODUCTS

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