

Product Data Sheet

70998 (63XJB) Silicone Sealant



Description:	70998 (Hempel 63XJB) is a medium-modulus silicone sealant.
Recommended use:	70998 is designed for roofing and joint applications.
Features:	Does not require a primer on most nonporous surfaces. Contact Neogard Technical Service regarding other surfaces.
Service temperatures:	-50°F – 280°F (-45°C – 137°C)
Availability:	Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

70998 (63XJB10000)	White	10 fl oz cartridges
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Physical constants:

Tensile strength	140 psi	ASTM D412
Elongation	600%	ASTM D412
Modulus, 100%	38 psi	ASTM D412
Shore A	25	ASTM C661
Accelerated weathering	Pass at 5,000 hours	ASTM C793
Dynamic joint movement	±45%	ASTM C719
VOC	<50 g/L	ASTM D3960
Tack-free time	30–60 minutes	ASTM C697
Cure time	6–12 hours at 3/8" depth	ASTM C697
Shelf life at 70°–90°F/21°–32°C	12 months	

The above tested results are typical values. Individual lots may vary up to 10% from the typical value. Further technical information can be found at www.neogard.com.

Application details:

Application method:	Caulking gun
Cleaning of tools:	Mineral spirits
Safety:	Handle with care. Use with adequate ventilation. Before and during use, observe all safety labels on packaging and paint containers, consult Neogard Safety Data Sheets and follow all local or national safety regulations.
Surface preparation:	According to Neogard Guide Specifications
Application conditions:	Apply only when temperatures are above 20°F/-7°C or below 120°F/49°C.
Preceding coat:	According to Neogard Guide Specifications
Subsequent coat:	According to Neogard Guide Specifications
Storage temperature:	Store in a cool area to ensure full shelf life. Recommended temperature: 70°F/21°C.
Remarks:	Not recommended for silicone structural glazing. Not recommended constant water immersion.

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Note: **70998 is for professional use only.**

Issued by: Hempel (USA) – 63XJB

This Product Data Sheet (“PDS”) relates to the supplied product (“Product”) and is subject to update from time-to-time. Accordingly, the buyer/applicator should refer to the PDS current as of the time of delivery. In addition to the PDS, the buyer/applicator may receive some or all of the specifications, statements and/or guidelines listed below or available at www.neogard.com (the “Additional Documents”):

No.	Document Description
1	PDS
2	Guide Specification
3	Application Manual
4	Other Technical Support Information (i.e. summary application tables, troubleshooting guides, maintenance manuals, chemical resistance charts and other technical information)

In the event of a conflict between this PDS and the Additional Documents, the conflict shall be resolved in accordance with the order of priority set forth above. In addition, the buyer/applicator should refer to the relevant Safety Data Sheet current as of the time of delivery and available at www.neogard.com. Buyer/applicator is responsible for determining the suitability of the intended use of the Product, and Neogard disclaims all responsibility for any use, handling and storage of the Product that is not in accordance with the requirements set forth in the relevant PDS and the Additional Documents. The terms and provisions hereof apply to this PDS, the Additional Documents and any other documents supplied by Neogard in respect of the Product. The Product is supplied and all technical assistance is given subject to the General Conditions of Sale of Hempel Products and/or Services available at www.hempel.com. NEOGARD MAKES NO OTHER WARRANTY THAT EXTENDS BEYOND THE WARRANTY REFERENCED THEREIN INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NEOGARD WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY OR CONDITION, OR THAT IN ANY WAY ARISE IN RELATION TO THE PRODUCT.
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