

# Product Data Sheet

## 7860-LO (47FJB) Low-Odor RTV Roofing Silicone



**Description:** 7860-LO series (Hempel 47FJB) is a low-odor, room-temperature-vulcanizing (RTV) silicone.

**Recommended use:** As a protective, elastomeric roofing material applied over polyurethane foam.

**Certificates/approvals:** LEED: MRc5, SSc7.2  
CRRC: 0720-0004  
UL: TGFU.R6034  
Factory Mutual: Class A  
Miami-Dade: NOA #15-0609.15

**Availability:** Available in North America. Not included in Group Assortment; other regions must confirm.

### Colors and packaging:

7860-LO (47FJB1L000)	White	55- and 5-gallon
7861-LO (47FJB1L030)	Gray	55- and 5-gallon
7862-LO (47FJB1L014)	Dark Gray	55-gallon
7863-LO (47FJB6L080)	Tan (special order only)	55-gallon

*Some standard colors and/or packaging may have extended lead times and/or minimum quantities. Contact Neogard for additional colors.*

### Physical constants:

Tensile strength	270 psi	ASTM D412
Elongation	350%	ASTM D412
Permanent set	2%	ASTM D412
Tear resistance	26.7 lb/in	ASTM 1004
Water resistance	< 1%	ASTM D471
Shore A	35 - 40	ASTM D2240
Adhesion	2.6 lb/in	ASTM D903
MVT at 30 mils	2.9 metric perms	ASTM E96
SRI	105	ASTM C1549/C1371

Weight/gallon	11.18 lbs/gal	ASTM D1475
Weight solids	77.2%	ASTM D4209
Volume solids	62.6%	Calculated
VOC	247 g/L	EPA Method 24
Flash point	119°F/48°C	ASTM 93-PMCC
Shelf life	1 year	

*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](http://www.neogard.com).*

### Application details:

**Application method:** Roller or spray (contact Neogard for spray equipment information)  
**Thinner (max.vol.):** Mineral spirits (10%)  
**Mixing:** Mix for 3–5 minutes before applying  
**Cleaning of tools:** Mineral spirits or VM&P naphtha

**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:** Substrate temperature must be above 40°F/5°C and/or below 100°F/37°C, and more than 5°F/3°C above the dewpoint and rising.

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<b>Preceding coat:</b>	According to Neogard Guide Specifications.
<b>Subsequent coat:</b>	According to Neogard Guide Specifications.
<b>Accelerators and additives:</b>	7986 (994JB00000): Odor mask, synthetic vanilla scent. 7987 (995JB00000): Odor mask, orange scent.
<b>Storage temperature:</b>	Store in a cool area to ensure full shelf life. Recommended temperature: 70°F/21°C.

**Note:** **7860-LO is for professional use only.**

**Issued by:** Hempel (USA) – 47FJB

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](http://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](http://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](http://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. 7860-LO-PDS ksk 09302021.docx

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