

Product Data Sheet

7825/7821 — Aromatic Urethane for Pool-Gard C
47NJB: Base 47NJ9 : Curing Agent 947JB



- Description:** 7825/7821 (Hempel 47NJB) is a two-component aromatic urethane.
- Recommended use:** As a waterproofing membrane for reflecting pools and fountains in the Pool-Gard C waterproofing system.
- Features:** Meets South Coast Air Quality Management District (SCAQMD) VOC requirements.
- Availability:** Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

7825 (47NJ900000)	Black	3-gallon
7821 (947JB19990)	Neutral	1-gallon

Physical constants:

Tensile Strength	1,500 psi	ASTM D412
Elongation	300%	ASTM D412
Permanent Set	20%	ASTM D412
Tear Resistance	160 lb/in	ASTM D1004
Water Resistance	<2%	ASTM D471
MVT at 20 mils	0.5 English Perm	ASTM E96
Taber Abrasion	5 mg/1,000 cs17	ASTM D4060
Shore A	80–90	ASTM D2240
Adhesion	400 psi	ASTM D4541
Weight/Gallon (mixed)	9.5 lbs/gal	ASTM D1475
Weight Solids (mixed)	99+%	ASTM D4209
Volume Solids (mixed)	99%	Calculated
VOC (mixed)	<15 g/L	EPA Method 24
Viscosity (mixed)	110 KU	ASTM D562
Flash Point	250°F	ASTM D3278
Shelf Life	1 year	
Cure to Recoat at 75°F/23°C, 50% relative humidity	6 hours	

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:

- Version, mixed product** **47NJB**
- Mixing ratio: Base 47NJ9 : Curing Agent 947JB
3 : 1 by volume
- Mixing instructions: Pre-mix base for 3–5 minutes before adding curing agent. Mix for a minimum of 5 minutes before applying. Jiffy Mixer paddle recommended.
- Application method: Roller or squeegee
- Thinner (max.vol.): Hempel's Thinner 08080 (xylene) (10%)
- Pot life: 20 minutes at 75°F/23°C
- Cleaning of tools: Hempel's Thinner 08080 (xylene)

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 between 40°F/4°C and 110°F/32°C.

Product Data Sheet

7825/7821 — Aromatic Urethane for Pool-Gard C
47NJB: Base 47NJ9 : Curing Agent 947JB



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: 75°F/23°C.
Remarks:	Must be protected from UV exposure. System must cure minimum 10 days prior to filling pool. For on-grade applications, substrates constructed over unvented metal decks or between-slab applications, contact Neogard Technical Service.

Note: **7825/7821 is for professional use only.**

Issued by: Hempel (USA) – 47NJB

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.

7825-7821-PDS ksk 07092021.docx

Neogard®, a part of Hempel
2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com