

# Product Data Sheet

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



**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](http://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).

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<b>Preceding coat:</b>	According to Neogard Guide Specifications.
<b>Subsequent coat:</b>	According to Neogard Guide Specifications.
<b>Storage temperature:</b>	Store in a cool area to ensure full shelf life. Recommended temperature: 75°F (23°C).
<b>Remarks:</b>	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 supersedes those previously issued.

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