

Product Data Sheet

70900/70910 — Wall-Gard HD Coating, Gloss 47DJB:
Base 47DJ9 : Curing Agent 94AJB



Description: 70900/70910 (Hempel 47DJB) is a two-component, water-based, urethane wall and floor coating.

Recommended use: As the topcoat for the Neogard Wall-Gard HD wall coating system, and as a topcoat for many Neogard floor coating systems.
Applications include: hospitals, operating rooms, pharmaceutical manufacturing facilities, clean rooms, schools, food and beverage processing facilities, and various facility wet areas.

Features: Available in 24 standard colors, can be tinted.
Low odor and VOC.
Resists UV.
Durable; resists scrubbing.

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

Colors and packaging:

70900-00 (47DJ900050)	Gloss Neutral	
70900-01 (47DJ910000)	Gloss White	
70900 Tint Base (47DJ900010)	Tint Base, White	4-gallon kits (mixed volume)
70910 (94AJB00000)	NA	

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

Physical constants:

Impact resistance	160 lbs/in	ASTM D2794
Taber abrasion, 1,000 cycles CS-17	67 mg loss	ASTM D4060
Pencil hardness	4H gouge	ASTM D3363
Volume solids (mixed)	55%	Calculated
Weight/gallon (mixed)	10.85 lbs	ASTM D1475
VOC	<20 g/L	ASTM D3960
Shelf life	1 year	
Dry time to touch*	6–8 hours	ASTM D5895
Recoat time, tack-free*	8–24 hours	ASTM D5895
Cure time*	24 hours	

**75°F/23°C, 50% relative humidity. 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	47DJB
Mixing ratio:	Base 47DJ9 : Curing Agent 94AJB 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, brush, spray (contact Neogard for spray equipment information)
Thinner (max.vol.):	Water (10%)
Pot life:	90 minutes at 75°F/23°C
Recommended film thickness, wet:	6–8 mils
Recommended film thickness, dry:	3–4 mils
Cleaning of tools:	Water

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.

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Preceding coat:	According to Neogard Guide Specifications.
Subsequent coat:	Must be recoated within 24 hours at 70°F/21°C for subsequent coat to properly bond. If the 24-hour recoat window is missed, sand to dull finish before applying subsequent coat(s).
Storage temperature:	Store in a cool area to ensure full shelf life. Recommended temperature: 75°F/23°C. Prevent freezing; product will become unusable if frozen.
Remarks:	For indoor use only.

Note: **70900/70910 is for professional use only.**

Issued by: Hempel (USA) – 47DJB

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. 70900-70910-FG-PDS ksk 10272021.docx

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2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com