

Product Data Sheet

70420 (47HJB)

Integrally Textured Aromatic Urethane



Description:	70420 (Hempel 47HJB) is an integrally textured, single component moisture-cured, aromatic urethane.
Recommended use:	As a waterproofing membrane wear coat and topcoat for the Auto-Gard T vehicular traffic bearing deck coating system.
Features:	Meets California Air Resources Board (CARB) VOC requirements.
Certificates/approvals:	LEED: MRc4, MRc5 Miami-Dade: NOA No.: 15-0421.01
Availability:	Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

70420 (47HJB16650)	Gray	5-gallon
70420-041 (47HJB16680)	Charcoal Gray	

Physical constants:

Tensile Strength*	2,500 psi	ASTM D412
Elongation*	350%	ASTM D412
Permanent Set	<30%	ASTM D412
Tear Resistance	253.3 pli	ASTM D1004
Taber Abrasion	39.6 mg	ASTM D4060
Shore A	78	ASTM D2240
Peel Adhesion	19.31 pli	ASTM D903
Weight/Gallon	10.32 lbs/gal ± 0.25	ASTM D5201
Weight Solids	83% ± 3.0%	ASTM D5201
Volume Solids	77% ± 2.0%	ASTM D5201
VOC	<250 g/L	ASTM D5201
Viscosity	117 KU	ASTM D562
Flash Point		Refer to SDS
Shelf Life	6 months	
Cure to Recoat at 75°F (23°C), 50% RH	8–12 hours	

**Cured properties are exclusive of aggregate. The above tested results are typical values. Individual lots may vary. Further technical information can be found at www.neogard.com.*

Application details:

Application method:	Squeegee or roller (do not dip and roll from container)
Thinner (max.vol.):	086JB may be added not to exceed 5% by vol. or 6 oz/gal
Accelerator:	At 40°F, 1.6 oz/gal of 95053 or 99055 (See Cure Chart)
Mixing:	Mix for 3–5 minutes before applying; Jiffy Mixer paddle recommended
Cleaning of tools:	Acetone or other VOC compliant multi-purpose solvents. Confirm compliance with Local, State and Federal air quality rules before use.

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.

Application conditions: Substrate temperature must be between 40°F/4°C and 110°F/32°C.

Preceding coat: According to Neogard Guide Specifications.

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Accelerators and additives:

- 7986 (994JB00000): Odor mask, synthetic vanilla.
- 7922 (990JB00000): Vertical additive, enhances sag resistance.
- 7923 (9505300000): Accelerator for single component urethanes.
- 7925 (991JB00000): Fast-set additive.
- 7931 (9905500000): Fast accelerator for use in low humidity environments.

Storage temperature: Store in a cool area to ensure full shelf life. Recommended temperature: 75°F/23°C.

Remarks: Product may yellow or discolor when exposed to UV light. Not recommended for constant immersion. Do not apply over asphaltic compounds. For on-grade applications, substrates constructed over unvented metal decks or between-slab applications, contact Neogard Technical Service.

Note: 70420 is for professional use only.

Issued by: Hempel (USA) – 47HJB

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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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