

Product Data Sheet

7430 (57040)

Aromatic Urethane



Description:	7430 series (Hempel 57040) is a single-component, moisture-cured aromatic urethane.
Recommended use:	As a waterproofing membrane for pedestrian and vehicular traffic-bearing surfaces. Suitable areas include parking garages, stadiums, balconies, plaza decks, walkways, and rooftop recreation areas.
Certificates/approvals:	LEED: MRc5 UL: TGFU.R6034 Miami-Dade: NOA No.: 15-0421.01, NOA No. 15-0616.03
Availability:	Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

7427 (5704016680)	Charcoal Gray	55- and 5-gallon
7430 (5704016650)	Gray	55- and 5-gallon
7430-28 (5704016640)	White	5-gallon
7430-58 (5704061300)	Dark Maple	5-gallon
7435 (5704023820)	Tan	5-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	2,500 psi	ASTM D412
Elongation	400%	ASTM D412
Permanent set	<30%	ASTM D412
Tear resistance	200 pli	ASTM D1004
Water resistance	<3%	ASTM D471
MVT at 30 mils	1.3 English Perm	ASTM E96
Taber abrasion	25 mg/1,000 CS-17	ASTM D4060
Shore A	75–80	ASTM D2240
Adhesion	300 psi	ASTM D4541
Weight/gallon	10.3 lbs/gal ± 0.25	ASTM D1475
Weight solids	92% ± 3.0%	ASTM D5201
Volume solids	76% ± 2.0%	ASTM D5201
VOC	<250 g/L	ASTM D5201
Viscosity	87 KU	ASTM D562
Flash point		Refer to SDS
Shelf life	1 year	
SRI value	7430-28: 93 7430-11: 43	ASTM E1980-01 ASTM E108/UL 790
Fire resistance (spread of flame)	Class A (as part of a system)	
Cure to recoat at 75°F (23°C), 50% relative humidity	8–12 hours	

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:	Roller or squeegee
Thinner (max.vol.):	Up to 5% by vol. or 6 oz/gal Acetone (Reduced VOC: <250 g/L)
Accelerator:	At 40°F, 3.2 oz/gal of 95053 (VOC = <250 g/L). For other Temperatures, See Technical Information Chart.
Mixing:	Mix for 3–5 minutes before applying; Jiffy Mixer paddle recommended
Pot life:	NA for single-component, unaccelerated urethane

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Cleaning of tools:	Acetone or other VOC compliant multi-purpose solvents.
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.
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: 7430 is for professional use only.

Issued by: Hempel (USA) – 57040

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.

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