

# Product Data Sheet

70620 (473JB)

Aromatic Roofing Urethane



**Description:** 70620 (Hempel 473JB) is a single-component, moisture-cured, fire retardant, aromatic polyurethane.

**Recommended use:** As a base coat for polyurethane foam, concrete, and single-ply roof systems.

**Certificates/approvals:** LEED: MRc5  
UL: TGFU.R6034  
Miami-Dade: NOA No.: 16-0322.27  
Factory Mutual: Class A

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

## Colors and packaging:

70620 (473JB16670)      Dark Gray      55- and 5-gallon

## Physical constants:

Tensile strength	643 psi	ASTM D412
Elongation	620%	ASTM D412
Permanent set	5%	ASTM D412
Tear resistance	2.205 (lbs-force)	ASTM D1004
Water resistance	<3% at 7 days	ASTM D471
Shore A	65–71	ASTM D2240
Adhesion to foam	18.24 lbs/in	ASTM D903
Recoat time at 75°F/23°C, 50% relative humidity	5 hours (25 mils WFT)	Calculated
Weight/gallon	10.38 lbs/gal	ASTM D1475
Weight solids	81%	ASTM D2369
Volume solids	77%	Calculated
VOC	205 g/L	ASTM D3960
Flash point	127°F/52°C	ASTM D56
Shelf life	1 year	

*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:

**Application method:** Roller or spray (contact Neogard for spray equipment information)  
**Thinner (max.vol.):** 7055 Odorless Reducer (086JB) or Hempel's Thinner 08080 (xylene) (10%)  
**Mixing:** Mix for a minimum of 3–5 minutes before applying  
**Cleaning of tools:** 7055 Odorless Reducer (086JB) or 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.

**Application conditions:** Substrate temperature must be above 40°F/5°C and/or below 100°F/37°C, and more than 5°F/3°C above the dewpoint and rising.

**Preceding coat:** According to Neogard Guide Specifications.

**Subsequent coat:** According to Neogard Guide Specifications.

**Accelerators and additives:** 7922 (990JB00000): Vertical additive, enhances sag resistance.  
7931 (9905500000): Fast accelerator for use in low humidity environments.  
7986 (994JB00000): Odor mask, synthetic vanilla scent.  
7987 (995JB00000): Odor mask, orange scent.

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**Storage temperature:**

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

**Remarks:**

Not resistant to UV; not intended as a topcoat. Sensitive to moisture; not recommended for constant immersion. Concrete must have a full 28 day cure period prior to coating. Not compatible with asphaltic compounds. Not for use with insulating concrete such as Zonolite, Vermiculite, Perlite, etc. Not for use over aluminized coated roofs.

**Note:**

**70620 is for professional use only.**

**Issued by:**

Hempel (USA) – 473JB

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](http://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](http://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](http://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. 70620-PDS ksk 09302021.docx

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