

# Product Data Sheet

7401 (47KJB)

Modified Aromatic Urethane



**Description:** 7401 (Hempel 47KJB) is a single-component, moisture-cured, modified polyurethane.

**Recommended use:** As a waterproofing membrane between slabs or in below-grade applications. Areas include below-grade slabs, parking garages, balconies, plaza decks, and planters.

**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:

7401 (47KJB19990)                      Black                                      5-gallon  
*Special order item only. Contact Neogard for details.*

## Physical constants:

Tensile strength	250 psi	ASTM D412
Elongation	500%	ASTM D412
Permanent set	25%	ASTM D412
Water resistance	<3%	ASTM D471
MVT at 60 mils	0.60 English perms	ASTM E96
Shore A	30–40	ASTM D2240
Adhesion	200 psi	ASTM D4541

Weight/gallon	10.2 lbs/gal	ASTM D1475
Weight solids	92%	ASTM D4209
Volume solids	88%	Calculated
VOC	98 g/L	EPA Method 24
Viscosity	97 KU	ASTM D562
Flash point	108°F/	ASTM D3278
Shelf life	12 months	

*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 squeegee  
**Thinner (max.vol.):** Do not thin  
**Mixing:** Mix for a minimum of 3–5 minutes before applying  
**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.

**Application conditions:** Substrate temperature must be between 40°F/4°C and 110°F/43°C.

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

**Accelerators and additives:** 7986 (994JB00000): Odor mask, synthetic vanilla scent.  
7922 (990JB00000): Vertical additive, enhances sag resistance.  
7923 (9505300000): Accelerator for single component urethanes.  
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.

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Note: **7401 is for professional use only.**

Issued by: Hempel (USA) – 47KJB

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.

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