

Product Data Sheet

High Performance Polyaspartic

57051: Base 57055 : Curing Agent 95042



Description: Hempel 57051 is a high solids, low odor polyaspartic topcoat.

Recommended use: As a low odor topcoat for Neogard decorative flooring and waterproofing systems.

Features: Return to service in 11 hours.
Resists UV.
Resists microbial growth.
Meets U.S.D.A. requirements for incidental food contact.
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:

Part A (5705500000)
Part B (9504200000)

Clear
NA

3-gallon kit (mixed)

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

Physical constants:

Tensile strength	6,500 psi	ASTM D412
Elongation	43%	ASTM D412
Taber abrasion	<32 mg, 1,000 CS-17	ASTM D4060
Shore D	65	ASTM D2240
Anti-microbial	Pass	JIS Z 2801-2010
Weight/gallon (mixed)	8.84 lb/gal	ASTM D1475
Weight solids (mixed)	93%	ASTM D5201
Volume solids	92%	Calculated
VOC (mixed)	<100 g/L	ASTM D5201
Flash point		Refer to SDS
Shelf life	6 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.

Application details:

Version, mixed product

Mixing instructions:

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1.5 : 1 by volume

Pre-mix base for 3 minutes. Add entire contents of curing agent container to base container and immediately mix for 3 additional minutes. Mix using a slow-speed drill with a Jiffy Mixer paddle. Take precautions not to introduce air into the material while mixing. **Do not thin or split kits.**

Application method:

Roller or squeegee

Thinner:

Coating is to be applied without thinning

Pot life:

15 minutes at 75°F/23°C

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.

Surface preparation:

According to Neogard Guide Specifications.

Application conditions:

Precondition material for 24 hours at 65°F–75°F/18°C–23°C. Ambient temperature must be 50°F–85°F/10°C–29°C, and a minimum of 5°F–3°C above dew point. Relative humidity must be 30%-80%. Substrate must be clean and dry.

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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.
Remarks:	Apply additional coats within 24 hours of initial application. If applying additional coats beyond 24 hours, lightly abrade surface with 80–100 grit sand paper and thoroughly clean surface before applying next coat.

Note: **57051 is for professional use only.**

Issued by: Hempel (USA) – 57051

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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