

# Product Data Sheet

70805/7952 — Aliphatic Urethane  
57020: Base 57029 : Curing Agent 79521



<b>Description:</b>	70805/7952 (Hempel 57020) is a high-solids, chemical-resistant, two-component aliphatic polyurethane.
<b>Recommended use:</b>	As a topcoat over flooring and wall coating systems, and as the primary wear surface when applied to properly primed concrete.
<b>Features:</b>	May be used for interior and exterior applications.
<b>Certificates/approvals:</b>	LEED: MRc5 (70805 only) MPI: MPI #212 (70805 only)
<b>Availability:</b>	Available in North America. Not included in Group Assortment; other regions must confirm.

## Colors and packaging:

70805 (5702900050)	Clear (Tintable)	
70805-01 (5702910000)	White (Tintable)	3-gallon kits
7952 (9505100000)	NA	

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

## Physical constants:

Tensile Strength	4,000 psi	ASTM D412
Elongation	10%	ASTM D412
Permanent Set	<10%	ASTM D412
Water Resistance	<1%	ASTM D471
MVT @ 5 mils	1.4	ASTM E96
Adhesion	300 psi	ASTM D4541
Flammability	Pass	ASTM D635
Taber Abrasion	40 mg/1,000 cycles CS-17	ASTM D4060

Weight/Gallon (mixed)	8.63 lbs/gal	ASTM D1475
Weight Solids (mixed)	62%	ASTM D4209
Volume Solids (mixed)	58%	Calculated
VOC (mixed)	335 g/L	EPA Method 24
Viscosity (mixed)	400 cps	ASTM D2196
Flash Point	102°F (39°C)	ASTM D3278
Shelf Life	2 years (70805), 3 years (7952)	

*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:

<b>Version, mixed product</b>	<b>57020</b>
Mixing ratio:	Base 57029 : Curing Agent 7952 2 : 1 by volume
Mixing instructions:	Pre-mix base for 3–5 minutes before adding curing agent. Mix for a minimum of 5 minutes before applying. Jiffy Mixer paddle recommended.
Application method:	Roller or squeegee
Thinner (max.vol.):	7055 Odorless Reducer (086JB) or HEMPEL'S THINNER 08080 (xylene) (10%)
Pot life:	2 hours at 75°F (23°C)
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.

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57020: Base 57029 : Curing Agent 95051



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<b>Surface preparation:</b>	According to Neogard Guide Specifications.
<b>Application conditions:</b>	Ambient temperature must be between 50°F (10°C) and 85°F (29°C), and a minimum of 5°F (3°C) above dew point.
<b>Preceding coat:</b>	According to Neogard Guide Specifications.
<b>Subsequent coat:</b>	According to Neogard Guide Specifications.
<b>Storage temperature:</b>	Store in a cool area to ensure full shelf life. Recommended temperature: 70°F (21°C).

**Note:** 70805/7952 is for professional use only.

**Issued by:** Hempel (USA) – 57020

This Product Data Sheet supersedes those previously issued.

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