

Product Data Sheet

70805/7952 — Aliphatic Urethane

57020: Base 57029 : Curing Agent 95051



Description:	70805/7952 (Hempel 57029/95051) is a high-solids, chemical-resistant, two-component aliphatic polyurethane.
Recommended use:	As a topcoat over flooring and wall coating systems, and as the primary wear surface when applied to properly primed concrete.
Features:	May be used for interior and exterior applications.
Certificates/approvals:	LEED: MRc5 (70805 only) MPI: MPI #212 (70805 only)
Availability:	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	
<i>Some standard colors and/or packaging may have extended lead times and/or minimum quantities. Contact NEOGARD® for additional colors.</i>		

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.

Application details:

Version, mixed product	57020
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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Surface preparation:	According to NEOGARD® Guide Specifications.
Application conditions:	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.
Preceding coat:	According to NEOGARD® Guide Specifications.
Subsequent coat:	According to NEOGARD® Guide Specifications.
Storage temperature:	Store in a cool area to ensure full shelf life. Recommended temperature: 70°F (21°C).

Note: 70805/7952 (57020) is for professional use only.

Issued by: Hempel A/S – 57020

This Product Data Sheet supersedes those previously issued.

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NEOGARD®, a Division of Hempel (USA), Inc.
2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com