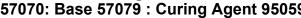
# **Product Data Sheet** 70817/70818 — High-Solids Chemical Resistant Urethane 57070: Base 57079 : Curing Agent 95059





Description:	70817/70818 (Hempel 57079/95059) is a two-component, ultra-high solids, chemical-resistant aliphatic polyurethane.
Recommended use:	As a topcoat for NEOGARD <sup>®</sup> decorative flooring and waterproofing systems.
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:

70817 (5707900050) 70817-01 (5707916640)	Clear (Tintable) White	2-gallon kit (mixed)
70818 (9505900000)	N/A	
	Contact NEOGARD® for available co.	lors.

### **Physical constants:**

Tensile Strength Elongation Shore D Water Resistance Taber Abrasion Anti-Microbial	<b>70817/70818</b> 7,500 psi 12% 70 <1%, 7 days 23 mg/1,000 cycles CS-17 Pass	<b>70817-01/70818</b> 5,800 psi 40% 65 <1%, 7 days 17 mg/1,000 cycles CS-17 Pass	ASTM D2370 ASTM D2370 ASTM D2240 ASTM D471 ASTM D4060 JIS Z 2801-2010
Weight/Gallon (mixed) Weight Solids (mixed) Volume Solids (mixed) VOC (mixed) Flash Point Working Time @ 75°F (23°C), 50% relative humidity Cure Time @ 77°F (24°C), 50% relative humidity Recoat @ 75°F (23°C), 50% relative humidity Shelf Life	10–12 hours Within 24 hours 1 year		to 10% from the typical value. Further
Application details:			
Version, mixed product Mixing ratio:	<b>57070</b> Base 59079 : Curing Agent 950	)59	

Mixing	instructions:
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Application method:	
Application Rate:	
Indicated film thickness, dry:	
Thinner (max.vol.):	
Pot life:	
Cleaning of tools:	

195059 ig Age 1:1 by volume Pre-mix base for 3 minutes. Add base to curing agent and mix for 3 more minutes. Jiffy Mixer recommended. Roller or squeegee 140-200 ft<sup>2</sup>/gallon 12–8 mils 7055 Odorless Reducer (086JB) or HEMPEL'S THINNER 08080 (xylene) (10%) 60-80 minutes at 75°F (23°C) 7055 Odorless Reducer (086JB) or HEMPEL'S THINNER 08080 (xylene)

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Safety:	Handle with care. Use with adequate ventilation. Before and during use, observe all safety labels on packaging and paint containers, consult NEOGARD <sup>®</sup> Safety Data Sheets and follow all local or national safety regulations.
Surface preparation:	According to NEOGARD <sup>®</sup> Guide Specifications.
Application conditions:	Precondition material for 24 hours at 65°–75°F (18°C–23°C). Ambient temperature must 40°F– 80°F (4°C–26°C). Substrate temperature must be 40°F–110°F (4°C–40°C) and 5°F (3°C) above the dew point. Relative humidity must be 30%–85%; may turn milky if applied in excess of 12 mils per coat or in areas of high humidity (>85%). Surface must be dry, clean, and without frost.
Preceding coat:	According to NEOGARD <sup>®</sup> Guide Specifications.
Accelerators and additives:	7986 (994JB00000): Odor mask, synthetic vanilla.
Storage temperature:	Store in a cool area to ensure full shelf life. Recommended temperature: 75°F (23°C).
Remarks:	Open to foot traffic in 16 hours at 75°F (23°C), 50% relative humidity. 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. Do not apply directly to concrete.

Note:

#### 71817/70818 (57070) is for professional use only.

Issued by:

Hempel A/S - 57070

This Product Data Sheet supersedes those previously issued.

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