

Product Data Sheet

70750/70751 — Low-Modulus Epoxy
472JB: Base 472J9 : Curing Agent 95YJB



Description: 70750/70751 (Hempel 472JB) is a two-component, 100% solids, moisture tolerant, flexible, low-modulus epoxy.

Recommended use: As a binder for epoxy overlay systems and for use as a wearing course with aggregate for Neogard traffic bearing coating systems.

Note: Not for use as a topcoat (see Remarks on Page 2).

Features: Moisture tolerant.
Excellent viscosity for leveling.

Availability: Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

70750 (472J900000)	Clear	15-gallon kit
70751 (95YJB00000)	Clear	

Physical constants:

Tensile strength	1,362 psi ± 100	ASTM D638
Elongation	81% ± 10	ASTM D638
Flexural strength	1,100 psi	ASTM D790
Taber abrasion	60 mg/1,000 CS-17	ASTM D4060
Shore D	65	ASTM D2240
Modulus of elasticity	42,000 psi	ASTM D790
Adhesion to concrete	960 psi	ASTM D4541
Water resistance	1.3% at 24 hours	ASTM D570
Viscosity	3,800–4,500 cps	ASTM D2196
Weight/gallon (mixed)	8.77 lbs/gal	ASTM D1475
Weight solids (mixed)	100%	ASTM D2369
Volume solids (mixed)	100%	ASTM D3960
VOC (mixed)	9.66 g/L (0.08 lbs/gal)	EPA Method 24
Flash point	271°F/133°C	ASTM D3278
Shelf life	1 year	
Tack-free time at 73°F/22°C	4 hours	ASTM D5894

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 **472JB**
Mixing ratio: Base 472J9 : Curing Agent 95YJB
2 : 1 by volume; mix for 3–5 minutes before applying
Application method: Roller/Rake/Squeegee/Notched squeegee
Pot life: 30 minutes 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.

Surface preparation: According to Neogard Guide Specifications.

Application conditions: Ambient temperature must be between 40°F/4°C and 100°F/37°C, and a minimum of 5°F/3°C above dew point.

Preceding coat: According to Neogard Guide Specifications.

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Subsequent coat: According to Neogard Guide Specifications.

Storage temperature: Store in a cool area to ensure full shelf life. Recommended temperature: 75°F/23°C.

Remarks: Not for use as a topcoat; product is too soft and will be damaged.
Do not sand or roughen; product is too soft and will be damaged.

Note: **70750/70751 is for professional use only.**

Issued by: Hempel (USA) – 472JB

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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. 70750-70751-PDS ksk 02212022.docx

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