

Product Data Sheet

70724/70715 — Epoxy Mastic

251J1: Base 251J9 : Curing Agent 95073



Description:	70724/70715 (Hempel 251J1) is a two-component, 100% mastic epoxy resin.
Recommended use:	As a base coat in the Neogard Wall-Gard HD system, and as a grout material for 1/4" trowel systems. Also used as a semi-high-gloss, high-build protective coating that can be spray applied onto vertical surfaces at 15 to 30 mils in one pass.
Features:	No amine blush when used in humid environments. Excellent chemical and abrasion resistance. Meets U.S.D.A. requirements for incidental food contact. Meets South Coast Air Quality Management District (SCAQMD) VOC requirements.
Certificates/approvals:	LEED: MRc5, IEQc4.2
Availability:	Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

70724-01 (251J910000)	White	
70724-11 (251J916660)	Light Gray	4-gallon kit
70715 (9507300000)	NA	

Physical constants:

Tensile strength	5,000 psi	ASTM D638
Elongation at break	10%	ASTM D638
Water resistance	0.15%	ASTM D570
MVT at 10 mils	0.15	ASTM E96
Taber abrasion	50 mg/1,000 CS-17	ASTM D4060
Shore D	80	ASTM 2240
Adhesion	300 psi	ASTM D4541
Flammability	Pass	ASTM D635
Weight/gallon (mixed)	12.4 lbs/gal	ASTM D1475
Weight solids (mixed)	99.8%	ASTM D4209
Volume solids (mixed)	99.6%	Calculated
Viscosity (mixed)	5,000 cps	ASTM D2196
Flash point	>205°F/96°C	ASTM D3278
VOC (mixed)	<5 g/L	EPA Method 24

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	251J1
Mixing ratio:	Base 251J9 : Curing Agent 95073 3 : 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, squeegee, or spray
Thinner (max.vol.):	7055 Odorless Reducer (086JB) or Hempel's Thinner 08080 (xylene) (10%)
Pot life:	90 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.

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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:	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: 70°F/21°C.
Remarks:	Not UV-stable; apply a UV-resistant topcoat if exposed.

Note: **70724/70715 is for professional use only.**

Issued by: Hempel (USA) – 251J1

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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. 70724-70715-PDS ksk 11162021.docx

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