

Product Data Sheet

200 RTS — Membrane

870JB: Base 870J9 : Curing Agent 95UJB



Description:	200 RTS (Hempel 870JB) is a 100% solids, elastomeric polyurethane methacrylate (PUMA) waterproofing membrane.
Recommended use:	As a membrane layer for Neogard RTS vehicular and pedestrian traffic systems. Example applications include: parking garages, stadiums, balconies, plaza decks, pedestrian walkways, rooftop recreational areas, and mechanical rooms.
Features:	Remains elastomeric at low temperatures. Very fast turnaround from application to service. Can be applied at temperatures as low as 23°F/-5°C. Contact Neogard if applying below 30°F/-1°C. Must be mixed with Neogard RTS 600 BPO Initiator (see chart below). Meets South Coast Air Quality Management District (SCAQMD) VOC requirements
Limitations:	Do not apply to damp or contaminated surfaces. Not intended for use as a topcoat. Do not use with carbonate-based fillers.
Availability:	Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

200 RTS (870J900000)	Amber (tintable)	5-gallon (4.5 gallon fill volume)
600 RTS (95UJB00000)	White	10-lb pail

Physical constants:

Tensile strength:	354 psi	ASTM D638
Elongation:	282%	ASTM D638
Shore A:	75	ASTM D2240
Shore D:	25	ASTM D2240
Low-temperature crack bridging:	Pass at 40, 60, 80 mils	ASTM C1305
Volume solids, mixed:	100%	Calculated
VOC:	<100 g/L	ASTM D5201
Shelf life:	12 months	

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

Mixing ratio:	870JB Base 870J9 : Curing Agent 95UJB Ratio changes with temperature; see “600 RTS BPO initiator dosages” chart below
Thinner:	Coating is to be applied without thinning.
Application method:	Notched squeegee or gauge rake
Cleaning of tools:	Clean tools with Neogard 800 PMMA Cleaning Agent only. Other solvents may contaminate PMMA/PUMA coatings, and cause the coating to cure improperly. Neogard 800 PMMA is not for sale or use in the state of California and other areas with multi-purpose solvent VOC regulations. Please consult your Local, State and Federal air quality rules before use.

Mixing:	Jiffy Mixer preferred. Mix with 600 RTS for 30–45 seconds or until completely mixed. Note: Extended mixing time will shorten working time of the material. (see “Dosing Chart” below)
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600 RTS BPO initiator dosages: Note: 25 fluid ounces of BPO equals 1 pound.	Temperature:	30°F (-1°C)	35°F (2°C)	40°F (4°C)	45°F (7°C)	50°F (10°C)
	Fluid oz/Gallon:	12	11	10	9	8
	Temperature:	55°F (13°C)	60°F (16°C)	65°F (18°C)	70°F (21°C)	
	Fluid oz/Gallon:	7	6	5	4	
	Temperature:	75°F (24°C)	80°F (27°C)	85°F (29°C)	90°F (32°C)	
	Fluid oz/Gallon:	3.5	3	2.5	2	

Safety: Use with adequate ventilation. Handle with care. 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 system Guide Specifications.

Preceding coat: According to Neogard system Guide Specifications.

Subsequent coat: According to Neogard system Guide Specifications.

Storage: Store at or below 77°F/25°C. Protect against direct sunlight. Contains paraffin, which may precipitate below 59°F/15°C.

Note: 200 RTS is for professional use only.

Issued by: Hempel (USA) – 870JB

This Product Data Sheet (“PDS”) relates to the supplied product (“Product”) and is subject to update from time-to-time. Accordingly, the buyer/applicator should refer to the PDS current as of the time of delivery. In addition to the PDS, the buyer/applicator may receive some or all of the specifications, statements and/or guidelines listed below or available at www.neogard.com (the “Additional Documents”):

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. 200RTS-PDS ksk 10062021.docx

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