

# Product Data Sheet

## 300 RTS — Flexible Body Coat

### 871JB: Base 871J9 : Curing Agent 95UJB



<b>Description:</b>	300 RTS (Hempel 871JB) Flexible Body Coat is a 100% solids, elasticized methacrylate (MMA) resin.
<b>Recommended use:</b>	300 RTS is used as a body and/or base coat with Neogard RTS vehicular and pedestrian traffic systems. Example applications include: parking garages, stadiums, balconies, plaza decks, pedestrian walkways, rooftop recreational areas, and mechanical rooms. Can also be used under tile and pavers.
<b>Features:</b>	Remains flexible 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).
<b>Limitations:</b>	Do not apply to damp or contaminated surfaces. Not intended for use as a top coat. Do not use with carbonate-based fillers.
<b>Availability:</b>	Available in North America. Not included in Group Assortment; other regions must confirm.

### Colors and packaging:

300 RTS (871J900000)	Amber (tintable)	5-gallon (4.5 gallon fill volume)
600 RTS (95UJB00000)	White	10-lb pail

*Some colors may have extended lead times and/or minimum quantities. Contact Neogard for details.*

### Physical constants:

Tensile strength:	615 psi	ASTM D638
Elongation:	204%	ASTM D638
Shore A:	91	ASTM D2240
Shore D:	41	ASTM D2240
Low-temperature crack bridging:	Pass at 40, 60, 80 mils	ASTM C1305
Permeance:	0.53 US/0.35 Metric Perms	ASTM D1653
MVT:	143.0mg m <sup>2</sup> 1 hour, 3.43g m <sup>2</sup> 24 hours	ASTM E96
Volume solids, mixed:	100%	Calculated
VOC:	30 g/L	ASTM D2369
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](http://www.neogard.com).*

### Application details:

<b>Version, mixed product</b>	<b>871JB</b>
Mixing ratio:	Base 871J9 : Curing Agent 95UJB Ratio changes with temperature; see “600 RTS BPO initiator dosages” chart below
Application method:	Notched squeegee or gauge rake
Cleaning of tools:	Neogard 800 RTS PMMA Cleaning Agent only (see “Cleaning of tools” below)
Mixing:	Mix thoroughly 30–45 seconds or until completely mixed (see “Mixing” below)

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<b>RTS 600 BPO initiator dosages:</b>  <b>Note: 25 fluid ounces of BPO equals 1 pound.</b>	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.

**Mixing:** Jiffy Mixer preferred. Mix with 100 RTS, 200 RTS, 300 RTS, or 400 RTS for 30–45 seconds or until completely mixed. Note: Extended mixing time will shorten working time of the material.

**Storage temperature:** Store at or below 77°F (25°C). Protect against direct sunlight. Contains paraffin, which may precipitate below 59°F (15°C). Mix thoroughly before use.

**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.

**Note:** **300 RTS is for professional use only.**

**Issued by:** Hempel (USA) – 871JB

This Product Data Sheet supersedes those previously issued.

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