

Product Data Sheet

650 RTS (996JB) PMMA/PUMA Winter Accelerator



WARNING:

Avoid direct contact between 650 RTS and 600 RTS BPO Initiator. 650 RTS and 600 RTS **may combust** if directly combined.

- Always store 650 RTS and 600 RTS separately.
- Always use separate measuring cups for 650 RTS and 600 RTS.

Description:

650 RTS (Hempel 996JB) is an additional activator which speeds curing of Neogard RTS PMMA/PUMA coatings in extreme cold conditions.

Service temperatures:

Use only in temperatures between -20°F/-29°C to 40°F/4°C.

Availability:

Available in North America. Not included in Group Assortment. Availability subject to confirmation.

Colors and packaging:

650 RTS (996JB00000) Clear 0.25 gal cans

Physical constants:

Viscosity, 75°F/23°C:	< 10 cps	Brookfield DV2, sp. 1/30 rpm
Density, 68°F/20°C:	7.84 lb/gal/94 g/L	DIN 51757
Flash point:	181°F/83°C	DIN 51755
Shelf life:	12 months, unopened	

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:

Mixing:

1. Allow 100 RTS, 200 RTS, 300 RTS, or 400 RTS resins and 900 RTS filler (if used) to cool to near 40°F/4°C in advance of mixing/applying. Unless cooled, pot life will be very short.
2. Add 650 RTS with the cooled 100 RTS, 200 RTS, 300 RTS, or 400 RTS resins.
3. 650 RTS dosage is dependent on ambient temperature during application of RTS material:
 - 11°F/-12°C to 40°F/4°C: 0.75 fl oz/gal (5.8 ml/liter).
 - -20°F/-29°C to 10°F/-12°C: 1.50 fl oz/gal (11.7 ml/liter).
4. Mix for a minimum of 3 minutes. Jiffy Mixer recommended.
5. Mix 600 RTS BPO Initiator with the mixed 650 RTS and RTS resin.

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.

Application conditions:

Prepare the substrate in the same manner as for normal temperatures. Ensure that no ice has formed on the substrate.

Storage:

Store between 59°F/15°C – 77°F/25°C. Protect against direct sunlight.

Remarks:

650 RTS will cause slight yellowing of cured RTS materials, including material mixed with 700 RTS pigment. Yellowing will be less visible in pigmented material.

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PMMA/PUMA Winter Accelerator



Note: **650 RTS is for professional use only.**

Issued by: Hempel (USA) – 996JB

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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. 650RTS-PDS ksk 10062021.docx**

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