RTS Decorative

Table of Contents

Quartz Aggregate, UV- stable	Product Data Sheet	English	2	
100 RTS Primer,	Product Data Sheet	English	4	
Concrete & Metal				
200 RTS	Product Data Sheet	English	6	
Waterproofing				
Membrane				
300 RTS Flexible	Product Data Sheet	English	8	
Body Coat				
400 RTS Topcoat,	Product Data Sheet	English	10	
Clear/Tintable				
600 RTS BPO	Product Data Sheet	English	12	
Initiator/Cure Agent				
700 RTS Pigment	Product Data Sheet	English	14	
800 RTS PMMA/PUMA	Product Data Sheet	English	15	
Cleaner/Thinner				
900 RTS Filler	Product Data Sheet	English	16	
650 RTS Winter	Product Data Sheet	English	17	
Accelerator				

NeoQuartz (66GJB) Crystalline Quartz Granules, Broadcast Medium, UV-Stable



Description:NeoQuartz granules are a colored, crystalline quartz, UV-stable flooring and deck coating

aggregate.

Recommended use: As an aggregate for decorative and industrial flooring systems, and decorative deck coating

systems.

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

Colors and packaging:

66GJB99980 Contact Neogard 50-pound bag (all colors)

Requires a minimum order of 8 bags. Some standard colors and/or packaging may have extended lead times

and/or minimum quantities.

Physical constants:

Hardness (Moh's Scale) 6.5–7

Bulk density 90–100 pounds/cubic foot ASTM C29/C29-97 (2003)

Specific gravity 2.65 ASTM C128-01e1

Composition

MaterialWeight %Silica sand97.5Resin2.65Various colorants0.5

Chemical analysis

 $\begin{array}{lll} \text{SiO}_2 & 99.808\% \\ \text{Fe}_2 & 0.016\% \\ \text{Al}_2\text{O}_3 & 0.042\% \\ \text{CaO \& MgO} & 0.200\% \\ \text{Loss on ignition} & 0.100 \\ \end{array}$

Sieve analysis Retained %

 20
 9.0

 30
 12.4

 40
 54.0

 50
 22.0

 70
 1.9

 100
 0.7

Application details:

Application method: Broadcast; rate according to Neogard system Guide Specifications.

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.

Storage temperature: Store in a dry area.

Issued: April 2021 Page: 1/2

NeoQuartz (66GJB) Crystalline Quartz Granules, Broadcast Medium, UV-Stable



Note: NeoQuartz is for professional use only.

Issued by: Hempel (USA) – 66GJB

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. NeoQuartzUV-PDS ksk 04122021.docx

Neogard®, a part of Hempel 2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com

Issued: April 2021 Page: 2/2

100 RTS — Concrete and Metal Primer 256JB: Base 256J9 : Curing Agent 95UJB



Description: 100 RTS (Hempel 256JB) is a 100% solids methyl-methacrylate (MMA) primer.

Recommended use: As a primer for cured concrete and metal surfaces before applying Neogard RTS vehicular and

pedestrian traffic systems.

Features: Very fast cure, between 30–60 minutes depending on temperature.

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 600 RTS BPO Initiator (see chart below).

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

Colors and packaging:

100 RTS (256J900000) Clear 5-gallon (4.5 gallon fill volume)

600 RTS (95UJB00000) White 10-lb pail

Physical constants:

VOC 49 g/L 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 256JB

Mixing ratio: Base 256J9 : Curing Agent 95UJB

Ratio changes with temperature; see "600 RTS BPO initiator dosages" chart below

Application method: Roller or squeegee

Cleaning of tools: Neogard 800 PMMA Cleaning Agent

Mixing: Mix thoroughly before use (see "Mixing" below).

600 RTS BPO initiator dosages: Temperature: 30°F (-1°C) 35°F (2°C) 40°F (4°C) 45°F (7°C) 50°F (10°C)

Note: 25 fluid ounces of BPO

equals 1 pound.

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.

Subsequent coat: According to Neogard system Guide Specifications.

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.

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

100 RTS — Concrete and Metal Primer 256JB: Base 256J9 : Curing Agent 95UJB



Remarks:

Clean tools with Neogard 800 RTS PMMA Cleaning Agent only. Other solvents may contaminate PMMA/PUMA coatings, and cause the coating to cure improperly.

Note: 100 RTS is for professional use only.

Issued by: Hempel (USA) – 256JB

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. 100RTS-PDS ksk 10062021.docx

Neogard®, a Part of Hempel 2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com

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/

Must be mixed with Neogard RTS 600 BPO Initiator (see chart below).

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**

100% Volume solids, mixed: Calculated

VOC: 33 g/L 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:

870JB Version, mixed product

Mixing ratio: Base 870J9: 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)

Mix thoroughly for 30–45 seconds or until completely mixed (see "Mixing" below) Mixing:

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	

200 RTS — Membrane

870JB: Base 870J9: Curing Agent 95UJB



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 600 RTS for 30–45 seconds or until completely mixed. Note:

Extended mixing time will shorten working time of the material.

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

precipitate below 59°F/15°C.

Clean tools with Neogard 800 PMMA Cleaning Agent only. Other solvents may contaminate

PMMA/PUMA coatings, and cause the coating to cure improperly.

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

Neogard®, a part of Hempel

2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com

300 RTS — Flexible Body Coat

871JB: Base 871J9: Curing Agent 95UJB



Description: 300 RTS (Hempel 871JB) Flexible Body Coat is a 100% solids, elasticized methacrylate (MMA)

resin.

Recommended use: 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.

Features: 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).

Limitations: Do not apply to damp or contaminated surfaces.

Not intended for use as a topcoat. Do not use with carbonate-based fillers.

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

Physical constants:

615 psi ASTM D638 Tensile strenath: 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** 0.53 US/0.35 Metric Perms **ASTM D1653** Permeance:

MVT: 143.0mg m² 1 hour,

3.43g m² 24 hours

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.

Application details:

Version, mixed product 871JB

Mixing ratio: Base 871J9 : Curing Agent 95UJB

Ratio changes with temperature; see "600 RTS BPO initiator dosages" chart below

ASTM E96

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)

RTS 600 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	

300 RTS — Flexible Body Coat

871JB: Base 871J9: Curing Agent 95UJB



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 600 RTS for 30–45 seconds or until completely mixed. Note:

Extended mixing time will shorten working time of the material.

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

precipitate below 59°F/15°C.

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 ("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. 300RTS-PDS ksk 10062021.docx

Neogard®, a part of Hempel

2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com

400 RTS — Topcoat

872JB: Base 872J9: Curing Agent 95UJB



Description: 400 RTS Topcoat (Hempel 872JB) is a 100% solids methacrylate (MMA) resin.

Recommended use: 400 RTS is used as a topcoat 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.

Features: Excellent resistance to abrasion and superior durability.

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 600 RTS BPO Initiator (see chart below).

Limitations: Do not apply to damp or contaminated surfaces.

Do not use with carbonate-based fillers.

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

Colors and packaging:

400 RTS (872J900000) Clear (tintable) 5-gallon (4.5 gallon fill volume)

600 RTS (95UJB00000) White 10-lb pail

Physical constants:

Tensile strength: 2,017 psi ASTM D638 Elongation: 9% ASTM D638 Shore A: 95 **ASTM D2240** Shore D: **ASTM D2240** Taber abrasion: 33 mg, 1,000 CS-17 **ASTM D4060** Permeance: 0.48 US/0.31 Metric Perm **ASTM 1653** MVT: 159.5mg m² 1 hour, ASTM E96

3.83g m² 24 hours

Volume solids, mixed: 100% Calculated VOC: 90 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.

Application details:

Version, mixed product 872JB

Mixing ratio: Base 872J9 : Curing Agent 95UJB

Ratio changes with temperature; see "600 RTS BPO initiator dosages" chart below

Application method: Flat squeegee

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)

RTS 600 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:	6	6	5	5	5
Temperature:	55°F/13°C	60°F/16°C	65°F/18°C	70°F/21°C	
Fluid oz/Gallon:	4	4	4	3	
Temperature:	75°F/24°C	80°F/27°C	85°F/29°C	90°F/32°C	
Fluid oz/Gallon:	3	3	2.5	2	

400 RTS — Topcoat

872JB: Base 872J9: Curing Agent 95UJB



Use with adequate ventilation. Handle with care. Before and during use, observe all safety labels Safety:

on packaging and paint containers, consult Neogard Safety Data Sheets and follow all local or

national safety regulations.

According to Neogard system Guide Specifications. Surface preparation:

Preceding coat: According to Neogard system Guide Specifications.

Subsequent coat: According to Neogard system Guide Specifications.

Jiffy Mixer preferred. Mix with 600 RTS for 30-45 seconds or until completely mixed. Note: Mixing:

Extended mixing time will shorten working time of the material.

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

precipitate below 59°F/15°C.

Clean tools with Neogard 800 PMMA Cleaning Agent only. Other solvents may contaminate Cleaning of tools:

PMMA/PUMA coatings, and cause the coating to cure improperly.

Note: 400 RTS is for professional use only.

Issued by: Hempel (USA) - 872JB

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"):

Document Description No

- **PDS**
- **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. 400RTS-PDS ksk 10062021.docx

Neogard®, a part of Hempel

2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com

600 RTS (95UJB) PMMA/PUMA BPO Initiator



Description: 600 RTS (Hempel 95UJB) is a fine, granular powder.

Recommended use: 600 RTS is used as an initiator/curing agent for Neogard PMMA/PUMA coating products.

Features: Easy to handle

Easy dispersion in PMMA/PUMA liquids

Dissolves quickly

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

Colors and packaging:

600 RTS (95UJB00000) White 10-lb pail

Physical constants:

Assay 49.0%-51.0% Water 2.5% maximum

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: 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.

Dosage rate: Refer to the dosage chart below, or on 100 RTS, 200 RTS, 300 RTS, and 400 RTS Product Data

Sheets for correct dosage. Dosage rates change based upon ambient air temperature.

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.

Storage: Store at or below 77°F/25°C. Protect against direct sunlight.

		BPO Initiator Dosage by Ambient Air Temperature (fluid ounces per gallon)											
Product	30°F (-1°C)	35°F (2°C)	40°F (4°C)	45°F (7°C)	50°F (10°C)	55°F (13°C)	60°F (16°C)	65°F (18°C)	70°F (21°C)	75°F (24°C)	80°F (27°C)	85°F (29°C)	90°F (32°C)
100 RTS	12	11	10	9	8	7	6	5	4	3.5	3	2.5	2
200 RTS	12	11	10	9	8	7	6	5	4	3.5	3	2.5	2
300 RTS	12	11	10	9	8	7	6	5	4	3.5	3	2.5	2
400 RTS	6	6	5	5	5	4	4	4	3	3	3	2.5	2

600 RTS (95UJB)
PMMA/PUMA BPO Initiator



Note: 600 RTS is for professional use only.

Issued by: Hempel (USA) – 95UJB

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. 600RTS-PDS ksk 10062021.docx

Neogard®, a part of Hempel 2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com

700 RTS (63YJB) PMMA/PUMA Pigment



Description: 700 RTS series (Hempel 63YJB) is a powdered additive pigment.

Recommended use: To provide color for 200 RTS Elastomeric Waterproofing Membrane, 300 RTS Flexible Body Coat,

and 400 RTS Topcoat materials.

Features: Resealable, hassle-free packaging

Easy to handle

Easy to mix with RTS liquids

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

Colors and packaging:

700 RTS (63YJB10400) Silver Grey 702 RTS (63YJB10270) Dark Grey

711 RTS (63YJBJ6191) Brown Beige 712 RTS (63YJB27110) Beige

Some standard colors and/or packaging may have extended lead times and/or minimum quantities.

8-oz (0.5 lb), in jars

Application details:

Mix with 200, 300, or 400 RTS

Mix ratio: 4 ounces (0.25 lb) per gallon of 200, 300, or 400 RTS

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.

Note: 700 RTS is for professional use only.

Issued by: Hempel (USA) – 63YJB

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.

Neogard®, a part of Hempel

2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com

Issued: July 2021 Page: 1/1

800 RTS (66ZJB) PMMA/PUMA Cleaning Agent



Description: 800 RTS (Hempel 66ZJB) is a methacrylic reactive thinner.

Recommended use: Thinning or adjusting viscosity of Neogard PMMA/PUMA coating materials, and cleaning of tools

used for application of PMMA/PUMA materials.

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

Colors and packaging:

800 RTS (66ZJB99980) Clear 5-gallon (full fill)

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.

Storage: Store at or below 77°F/25°C. Protect against direct sunlight.

Shelf life: 6 months minimum

Note: 800 RTS is for professional use only.

Issued by: Hempel (USA) – 66ZJB

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

I 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.

Neogard®, a part of Hempel

2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com

Issued: July 2021 Page: 1/1

900 RTS (63ZJB) Quartz Sand/Barite Aggregate



Description: 900 RTS (Hempel 63ZJB) is a quartz/barite sand aggregate.

Recommended use: As a filler in Neogard fluid-applied RTS PMMA/PUMA coating systems.

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

Colors and packaging:

900 RTS (63ZJB99980) Gray 55-lb bag

Physical constants:

Generic Type Quartz/barite sand

pH Neutral

Bulk density

1.5 g/L approximate
Specific gravity

2.6 g/L approximate
Melting point

>1,200°F/600°C

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.

Sieve # Percent retained

> 20 2.0 20–35 42.0 35–120 14.0 < 120 42.0

Application details:

Application method: Mixed with RTS fluid-applied materials, rate according to Neogard RTS system Guide

Specifications.

Safety: 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.

Storage: Store in a dry area.

Note: 900 RTS is for professional use only.

Issued by: Hempel (USA) – 63ZJB

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

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. 900RTS-PDS ksk 10062021.docx

Neogard®, a part of Hempel

2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com

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.

650 RTS (996JB) PMMA/PUMA Winter Accelerator



Note: 650 RTS is for professional use only.

Hempel (USA) - 996JB Issued by:

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"):

Document Description No.

- **PDS**
- **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

Neogard®, a part of Hempel

2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com