

NEOGARD® Quick Notes

Thinning and Cleaning Solvents



Date: September 20, 2016

From: NEOGARD® Technical Department

General Practices

NEOGARD® products are formulated to be installed as manufactured, without thinning. However, if thinning is required:

- Always consult the NEOGARD® Product Data Sheet prior to thinning the material.
- Use only NEOGARD®-manufactured or other commercial-grade solvents with NEOGARD® products.
- Be sure there is no moisture contamination in solvents, as it can produce adverse reactions.
- When thinning materials, always be aware of local VOC restrictions for coating applications before thinning.
- When thinning CA-formulated coatings, Acetone is the recommended solvent.
- Never exceed recommended thinning rates (typically no greater than 10%). Excessive thinning may affect physical properties of coating.
- Never use solvents that contain alcohol in NEOGARD® urethane products. Alcohols react with polyurethane hardeners creating a permanent liquid state, or under-cured membrane.
- Thin and clean only with recommended products. Consult NEOGARD® for questions regarding solvents.
- Any thinning of materials should occur after materials are mixed.

Recommended Solvents

Product Number	Material Type	Material Thinning	Equipment Cleaning
Primers			
7005	Polychloroprene	20653 Xylene	20653 Xylene
7031-100	Acrylic	Water	Water
70714/70715	Epoxy	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70714/70715-01	Epoxy	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70714/70715-09	Epoxy	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
7740/7741	Epoxy	Do Not Thin	20653 Xylene
7760/7761	Epoxy	20653 Xylene	20653 Xylene
7779/7781	Epoxy	Do Not Thin	Water
7780/7781	Epoxy	Do Not Thin	Water
7797/7798	Urethane	Do Not Thin	20653 Xylene
Chem-O-Pon (33304/99953)	Epoxy	21064 Thinner, 21092 Reducer	21064 Thinner
Multi-Grip II (3090)	Acrylic	Water (up to 10% by volume)	Soapy Water
Ureprime HS2	Epoxy Urethane	21092, 21093, or 21102 Reducers	20653 Xylene, MEK
Ureprime HS4 (33014/99951)	Epoxy Urethane	21092 Reducer	20653 Xylene, MEK
Waterproofing			
70410	Urethane	20653 Xylene	20653 Xylene
70410-CA	Urethane	Acetone	Acetone
70420	Urethane	20653 Xylene	20653 Xylene
70420-CA	Urethane	Acetone	Acetone
7401	Urethane	Do Not Thin	20653 Xylene
7430	Urethane	20653 Xylene	20653 Xylene
7430-CA	Urethane	Acetone	Acetone
7430T	Urethane	20653 Xylene	20653 Xylene
7470	Urethane	20653 Xylene	20653 Xylene
7825/7821	Urethane	20653 Xylene	20653 Xylene
FC7500/FC7960	Urethane	7055 Odorless Reducer	20653 Xylene
FC7510/FC7961	Urethane	7055 Odorless Reducer	20653 Xylene

Product Number	Material Type	Material Thinning	Equipment Cleaning
FC7530/FC7963	Urethane	7055 Odorless Reducer	20653 Xylene
FC7540/FC7964	Urethane	7055 Odorless Reducer	20653 Xylene
FC7545/FC7964	Urethane	7055 Odorless Reducer	20653 Xylene
Wall Coating			
7051	Acrylic	Not Recommended	Water
7100	Acrylic	Not Recommended	Water
7151	Acrylic	Not Recommended	Water
7170	Acrylic	Not Recommended	Water
Deco-Glaze	Epoxy-Modified Acrylic	Water (if sprayed, 10% by volume)	Soapy Water
Roofing			
70611 Series	Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70611-CA Series	Urethane	Acetone	Acetone
70613-BIO	Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70620 Series	Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70620-CA	Urethane	Acetone	Acetone
70620-BIO	Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70630 Series	Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
7251 Series	Acrylic	Water	Water
7261 Series	Acrylic	Water	Water
7419	Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
7419-CA	Urethane	Acetone	Acetone
7419-HB	Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
7441 Series	Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
7490	Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
7810	Butyl Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
7860-LO	Silicone	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
Flooring			
70702/70703	Epoxy	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70704/70705	Epoxy	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70714/70715	Epoxy	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70714/70715-01	Epoxy	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70714/70715-09	Epoxy	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70718/70719	Epoxy	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70724/70715	Epoxy	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70734/70735	Epoxy	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70805/7952	Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70815/70816	Urethane	7055 Odorless Reducer, 20653 Xylene	7055 Odorless Reducer, 20653 Xylene
70866/70816	Polyaspartic	Do Not Thin	7055 Odorless Reducer, 20653 Xylene
Acrylic Urethane Catalyzed Coatings			
Acrylithane™ HS2	Acrylic Polyester Urethane	21092 Reducer	MEK
Acrylithane™ HS2	Acrylic Polyester Urethane	21092 Reducer	MEK
Acrylithane™ HS3	Acrylic Polyester Urethane	21092 or 21093 Reducers (if sprayed)	21092 Reducer
Acrylithane™ HS4	Acrylic Polyester Urethane	Exempt solvents, i.e. t-Butyl Acetate	21092 Reducer, MEK

Manufacturer warrants that the physical properties of the product reported above will meet the standards and deviations of the associated ASTM test method. **MANUFACTURER HEREBY EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND/OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.** Buyer must make its own determination of the suitability of any product for its use, whether such product is used alone or in combination with other materials. **To the extent this or any of Manufacturer's products is proven to be defective, Buyer's sole remedy shall be limited to the replacement of such defective product, exclusive of any costs of labor. MANUFACTURER SHALL NOT BE LIABLE OR OBLIGATED FOR ANY LOSS OR CONSEQUENTIAL OR OTHER DAMAGE INCURRED DIRECTLY OR INDIRECTLY BY BUYER OR ANY OTHER PERSON OR ENTITY THAT ARISES IN ANY WAY IN RELATION TO THIS OR ANY OF MANUFACTURER'S OTHER PRODUCTS.** Nothing contained herein shall be construed to constitute inducement or recommendation to practice any invention covered by any patent without authority of the owner of the patent. No Applicator is or should be viewed as an employee or agent of Manufacturer. Thinning-Cleaning-QN ksk 09072016.indd

NEOGARD®, a Division of Hempel (USA), Inc.

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