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| Description: | Neogard Cove Base UV (452JB) is a two-component, 100% solids hybrid epoxy resin designed as a cove base trowel resin and topcoat. | | |
| Recommended use: | As a trowel resin and topcoat for cove bases in conjunction with various Neogard floor coating systems. | | |
| Features: | Minimal yellowing. Reduced UV degradation. Resists impact and abrasion. Very low odor. Can be used as a low-VOC alternative to chemical resistant urethanes.Meets U.S.D.A. requirements for incidental food contact. Meets South Coast Air Quality Management District (SCAQMD) VOC requirements. | | |
| Certificates/approvals: | LEED: MRc5, IEQc4.2 | | |
| Availability: | Available in North America. Not included in Group Assortment; other regions must confirm. | | |
| Colors and packaging: |  | | |
| 452J900000  961JB00000 | Clear  Clear | 3/4-gallon and 3-gallon kits |  |
| Physical constants: |  | | |
| Compressive strength  Tensile strength  Elongation at break  Flexural strength  Flexural modulus  Modulus of elasticity  Shore D  Adhesion  Water resistance  MVT at 20 mils  Flammability  Taber abrasion  Sagging  Weight/gallon (mixed)  Weight solids (mixed)  Volume solids (mixed)  Viscosity (mixed)  Flash point  VOC (mixed)  Shelf life  Thin film cure  Light traffic use  Full cure at 75°F/23°C | 11,000 psi  8,000 psi  14%  10,000 psi  400,000 psi  170,000 psi  82  400 psi  <2%  0.10 Perm  Pass  89 mg/1,000 cycles CS-17  14–18 mils  9.1 lbs/gal  100%  100%  500 cps  >205oF  <100 g/L  1 year  12–16 hours  24 hours  7 days | ASTM D695  ASTM D638  ASTM D638  ASTM D790  ASTM D790  ASTM D790  ASTM D2240  ASTM D4541  ASTM D570  ASTM E96  ASTM D635  ASTM D4060  ASTM D1475  ASTM D4209  Calculated  ASTM D2196  Refer to SDS  ASTM D5201 |  |
|  | 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:  Mixing instructions:  Application method:  Thinner (max.vol.):  Pot life:  Cleaning of tools: | 452JB Base 452J9 : Curing Agent 961JB  2 : 1 by volume  Pre-mix base for 3–5 minutes before adding curing agent. Mix for a minimum of 3 minutes before applying. Jiffy Mixer paddle recommended.  Roller/Rake/Squeegee/Notched squeegee/Trowel  Coating is to be applied without thinning.  30 minutes at 75°F/23°C  Acetone or other VOC compliant multi-purpose solvents. Confirm compliance with Local, State and Federal air quality before use. | | |
| 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. | | |
| Surface preparation: | According to Neogard Guide Specifications. | | |
| Application conditions: | Ambient temperature must be between 50°F/10°C and 85°F/29°C, and a minimum of 5°F/3°C above dew point. | | |
| Preceding coat: | According to Neogard Guide Specifications. | | |
| Subsequent coat: | According to Neogard Guide Specifications. | | |
| Storage temperature: | Store in a cool area to ensure full shelf life. Recommended temperature: 70°F/21°C. | | |
| Remarks: | For interior use only. | | |

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| Note: | **70736/70737** **is for professional use only.** |
| Issued by: | Hempel (USA) – 452JB |
| 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.  DRAFT 70736-70737-PDS tp sas 06202023.docx  Neogard®, a part of Hempel  2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com | |