

Product Data Sheet

70620-CA (474JB)

Aromatic Roofing Urethane, SCAQMD-Compliant



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| Description: | 70620-CA (Hempel 474JB) is a single-component, moisture-cured, fire-retardant, aromatic polyurethane. |
| Recommended use: | As a base coat for polyurethane foam, concrete, modified bitumen, smooth-surface BUR, and single-ply roof systems. |
| Features: | Meets South Coast Air Quality Management District (SCAQMD) VOC requirements. |
| Certificates/approvals: | LEED: MRc5 UL: TGFU.R6034 |
| Availability: | Available in North America. Not included in Group Assortment; other regions must confirm. |

Colors and packaging:

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| 70620-CA (474JB16670) | Dark Gray | 55- and 5-gallon |
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Physical constants:

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| Tensile Strength | 1,000 psi | ASTM D412 |
| Elongation | 375% | ASTM D412 |
| Permanent Set | <10% | ASTM D412 |
| Tear Resistance | 100 lb/in | ASTM D1004 |
| Water Resistance | <3% | ASTM D471 |
| Shore A | 50–55 | ASTM D2240 |
| Weight/Gallon | 11.7 lbs/gal | ASTM D1475 |
| Weight Solids | 81% | ASTM D4209 |
| Volume Solids | 77% | Calculated |
| VOC | 47 g/L | EPA Method 24 |
| Flash Point | 78°F (25°C) | ASTM D3278 |
| Shelf Life | 6 months | |
| Cure Time at 75°F (23°C) and 50% relative humidity | 24 hours | TT-S-00230A |

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:

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| Application method: | Roller or spray (contact Neogard for spray equipment information) |
| Thinner (max.vol.): | Acetone (10%) |
| Mixing: | Mix for a minimum of 3–5 minutes before applying |
| Pot life: | 8 hours at 75°F (23°C) |
| Cleaning of tools: | Acetone |

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: Store in a cool area to ensure full shelf life. Recommended temperature: 75°F (23°C).

Preceding coat: According to Neogard Guide Specifications.

Subsequent coat: According to Neogard Guide Specifications.

Accelerators and additives: 7986 (994JB00000): Odor mask, synthetic vanilla scent.
7987 (995JB00000): Odor mask, orange scent.

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Storage temperature: Store in a cool area to ensure full shelf life. Recommended temperature: 75°F (23°C).

Remarks: Not resistant to UV; not intended as a topcoat. Sensitive to moisture; not recommended for constant immersion. Concrete must have a full 28 day cure period prior to coating. Not compatible with asphaltic compounds. Not for use with insulating concrete such as Zonolite, Vermiculite, Perlite, etc. Not for use over aluminized coated roofs.

Note: **70620-CA is for professional use only.**

Issued by: Hempel (USA) – 474JB

This Product Data Sheet supersedes those previously issued.

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