

NEXUS E520

Technical Data Sheet

Nexus E520 was developed to mix, apply, and cure underwater. This product is a very versatile adhesive that will work on most applications. Nexus E520 is commonly used to repair vinyl pool liners, fiberglass, light rings, skimmers, main drains, concrete, pool tile and hose repairs. This compound is paintable and sandable.

| APPLICATIONS | FEATURES | SUBSTRATES |
|---------------|------------------|------------|
| • SEALING | • FAST CURE | • METALS |
| • BONDING | • SANDABLE | • PLASTICS |
| • POOL REPAIR | • ROOM TEMP CURE | |

Typical Properties of Uncured Material*

| | |
|---|-------------------|
| Chemical Class | Epoxy/Amine |
| Color, Parts A : B | Grey : Tan |
| Viscosity, Part A @25°C, Spn7 @20RPM, cps | 80,000 – 105,000 |
| Viscosity, Part B @25°C, Spn7 @20RPM, cps | 95,000 – 140,000 |
| Specific Gravity Part A | 1.40 |
| Specific Gravity Part B | 1.00 |
| Mix Ratio, PBV (A:B) | 1:1 |
| Cleanup Solvent | Isopropyl alcohol |

Cure Guidelines*

| | |
|-------------------------|---|
| Work Life @ RT, minutes | 5 |
| Gel Time @ RT, hours | 5 |
| Cure Time @ RT, hours | 4 |

Typical Properties of Cured Material*

| | |
|---------------------------------|------------|
| Operating Temperature Range, °C | -60 to 120 |
|---------------------------------|------------|

***All properties given are typical values and are not intended for use in preparing specifications.**

Storage

Keep stored between 8°C and 28°C in tightly closed containers away from direct sunlight. Keep from freezing. Please refer to product labeling for shelf-life information. Consult SDS for safe handling recommendations.

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