

LOCTITE®



Loctite® E-40EXP™ Hysol® UL®-1203 Certified Epoxy Potting Compound

Meets UL®-674 Requirements for Explosion-Proof Motors

To help manufacturers comply with UL®-674 requirements for explosion-proof electric motors, Henkel Corporation has introduced Loctite® E-40EXP™ Hysol®, a two-component, room-temperature-curing epoxy potting compound designed to pass UL® testing and maintain more than 85% of its compression strength following exposure to 13 harsh chemicals.

Used to pot and seal wire conduits, Loctite® E-40EXP™ Hysol® isolates the electric motor from hazardous vapors and chemicals that could cause an explosion. The material will not expand and experiences very little shrinkage, facilitating accurate dispensing.



henkelna.com/electricmotors



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| Part Number | Packaging Size | Equipment Part Number | Description |
|--------------------------|------------------------|----------------------------------|--|
| 50 ml package | | | |
| 1511184 | 50 ml cartridge | 98472 | 50 ml, 2:1 mix ratio, dual cartridge, manual applicator |
| | | 97042 | 50 ml, 2:1 mix ratio, dual cartridge pneumatic applicator |
| | | 98455 | 50 ml, 2:1 mix ratio, stepped mix nozzles (10 pack) |
| 200 ml package | | | |
| 1511653 | 200 ml cartridge | 983436 | 200 ml, 2:1 mix ratio, dual cartridge manual applicator |
| | | 983437 | 200 ml, 2:1 mix ratio, dual cartridge pneumatic applicator |
| | | 98457 | 200 ml, 2:1 mix ratio, stepped mix nozzle (10 pack) |
| Bulk Applications | | | |
| 1511896 | 5 gallon pail - part A | Call 1.800.LOCTITE (562.8483) | 5 gallon pail - part A for Bulk Applications |
| 1511897 | 5 gallon pail - part B | | 5 gallon pail - part B for Bulk Applications |

Recommended Applications

Wherever chemical resistance or explosion-proof seals are required, including assembly and repair of:

- Electric motors
- Pumps
- Fans
- Lighting
- Electrical components, sensors & probes



Properties

| | |
|------------------------------|--|
| Description | Two-component, room-temperature-cured epoxy potting compound |
| Appearance | Gray liquid |
| Viscosity | 24,000 cPs |
| Lap Shear Strength | Cured 2 hours @ 65°C, aluminum acid etched: 3000 psi (20.7N) |
| Compressive Failure Strength | 18,000-31,000 psi |
| UL® | UL®-1203 certified for potting and sealing wire conduit |
| Resistance | Chemically resistant |
| cPs Mixed | 25,000 |
| Mix Ratio (R:h) By Volume | 2:1 |
| Work Life | 30-40 minutes |
| Cure Time | 2 hours |
| Strength | Highly compressive |

To learn more, go to henkelna.com/electricmotors.

For technical assistance, call **1.800.LOCTITE (562.8483)**



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