

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



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

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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