



News Release

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EPOXIBOND™ EB-107LP-2– Optical Adhesive for Bonding Dissimilar Substrates



e^{poxy}*S*^{et} offers the EPOXIBOND™ EB-107LP-2, clear epoxy designed for bonding metals, ceramic, glass and engineered plastics. This low viscosity, two part epoxy has been certified to USP Class VI for biocompatibility. The excellent dielectric properties allow for use in circuits, underfills and as a small component potting compound offering electrical protection.

This versatile system is used as an optical adhesive for bonding prisms, lens and fiber optics. It can be used in optical pathways as it has excellent transmission rates from 400 to 2500nm.

When mixed, the EB-107LP-2 has an eight hour work time. The very gradual viscosity increase over time produces consistent dispensing when used in pneumatic systems. It will cure overnight at room temperature or in about 2 hour @ 80°C to a tough polymer that can be temperature cycled from -55 to 150°C.

e^{poxy}*S*^{et} is an innovative custom formulator of Epoxies, Urethanes, Silicones, Thermal Greases and UV cures for the electronic, medical, semi-conductor, optics, automotive and aerospace industries. Our extensive experience allows us to quickly modify our wide-ranging product line for any requirement. Please contact our technical support staff at 401-726-4500

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