SP-8003

Technical Data Sheet

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Elastomer Modified Liquid Epoxy Adduct

SP-8003 is an elastomer-modified liquid epoxy functional adduct. It is formed by reacting Bisphenol F liquid epoxy with a carboxyl-terminated butadiene-acrylonitrile elastomer (CTBN). The CTBN elastomer has an acrylonitrile content of approximately 25%. The elastomer content is 40% by weight in the final product.

SP-8003 is used to improve fracture toughness, impact resistance, and strain to failure in heat-activated epoxy formulations. The use of SP-8003 can also help to improve adhesion to some substrates.

Specific Physical Form:	Viscous Liquid
Color:	Amber
Shelf Life:	3 Years

Typical Properties:

Specific Gravity:	1.20 g/cc
Epoxy Equivalent Weight:	285 - 330 g/eq.
Viscosity at 77°F (25°C):	1,500 - 3,000 Poise

Disclaimer:

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