

EPODIL® 741HP Reactive Diluent (98%)**DESCRIPTION**

Epodil 741HP is a refined grade of butyl glycidyl ether used to reduce the viscosity of epoxy resin systems. It is a monofunctional reactive diluent which provides maximum viscosity reduction with minimum loss of properties. The low viscosity enhances filler substrate and reinforcement wetting properties and Epodil 741HP is therefore particularly useful for the formulation of solvent-free coatings and laminating systems.

ADVANTAGES

- Reduces the crystallization potential of standard epoxy resins
- Steep dilution profile

APPLICATIONS

- Laminates
- Tooling
- Electrical potting compounds
- Flooring, mortars and grouts

SHELF LIFE

At least 36 months from the date of manufacture in the original sealed container at ambient temperature.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Epodil 741HP reactive diluent.

TABLE 1: TYPICAL PROPERTIES

Appearance	Clear Liquid
Color (Gardner) ¹	1 max
Viscosity @ 77°F (25°C), [mPa.s] ²	2 max
Flash Point, Closed Cup [°C]	58
Specific Gravity @ 70°F (21°C), [g/ml]	0.93
Equivalent Wt/{Epoxide}	130-133
Free Water [%]	0.15 max
Hydrolyzable Chloride [%]	0.1 max
Free Epichlorohydrin [ppm]	10 max

TABLE 2: RECOMMENDED USAGE

Weight Percent ³	Mix Viscosity² at 25 °C
Epodil 741HP	[mPa.s]
5%	2,000
10%	500
15%	350
20%	150

Footnotes:

- (1) ASTM D 1544-80
- (2) Brookfield RVTD, Spindle 4
- (3) With Bisphenol A diglycidyl ether (EEW=190)

Epoxy Curing Agents and Modifiers

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