



Cola[®]Dil MOD 8

Naturally-Derived Reactive Diluent

DESCRIPTION Alkyl (C₁₂-C₁₄) Glycidyl Ether

CAS 68609-97-2

LISTINGS USA (TSCA), Canada (DSL), Australia (AIC), Korea (KECI), China (IECSC), Philippines (PICCS)

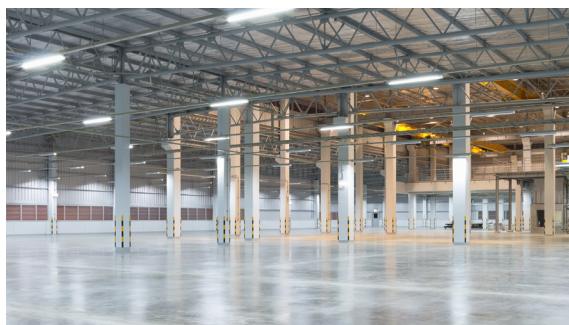
Cola[®]Dil MOD 8 is a naturally-derived mono-functional reactive diluent used to reduce the viscosity of epoxy resin systems. It is an aliphatic glycidyl ether containing alkyl chains which are predominately C₁₂ and C₁₄ in length. Cola[®]Dil MOD 8 may be blended easily with liquid resins at room temperature and is compatible with epoxy resins in all ratios. Commonly recommended curing agents for unmodified epoxy resin systems may be used with Cola[®]Dil MOD 8 blends.

BENEFITS

- Efficiently reduces viscosity of conventional epoxy resins
- Reduces brittleness and improves toughness of crosslinked coatings
- Naturally-derived
- Low toxicity and low vapor pressure
- Improved adhesion to non-polar surfaces
- Low level volatility
- Increased flexibility
- Excellent substrate and filler wetting characteristics
- Non-offensive odor

APPLICATIONS

- Flooring, grouts and mortars
- Coatings of high and 100% solids
- Laminates
- Exposed aggregate surfaces



SPECIFICATIONS

Appearance @ 25°C	Clear Liquid
Moisture, % (Karl Fisher)	0.1 Max.
Chloride, %	0.1 Max.
Weight per Epoxide (g/eq)	275.0 – 295.0
Color, Hazen	100 Max.
Viscosity, cP (using spindle 61 @ 100 rpm)	15 Max.
Residual Epichlorohydrin	10 ppm Max.

STORAGE / HANDLING

Cola[®]Dil MOD 8 should be stored in sealed containers at temperatures not exceeding 120°F (49°C). Shipped in poly drums (net weight 410 lb/186 kg). Typical shelf life is 24 months from date of manufacture.

Cola[®]Dil MOD 8 may form minor crystallization/precipitation during storage. If this occurs, it may be restored by opening the drum bung and slowly warming to temperatures not to exceed 122°F (50°C).

Safety Data Sheets may be found at www.colonialchem.com.

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