

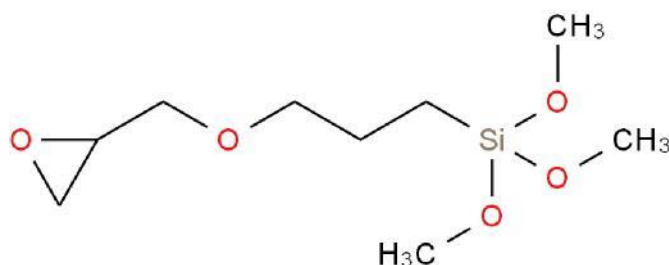
TECHNICAL DATA SHEET

Product Code: ACH Si-EPY-187

Chemical Name: 3-Glycidoxypropyl trimethoxysilane

CAS No.: 2530-83-8

Chemical Structure:



Applications:

ACH Si-EPY-187 is an organo-silane coupling agent that contains a glycidoxy functional group and hydrolyzable methoxy groups on the other side. The glycidoxy functionality allows targeting resin matrixes such as epoxy, butyl rubber, and polysulfide. It is used primarily to improve adhesion between organic and inorganic materials in coatings, paints, adhesives, sealants, foundry resins, glass manufacturing and other applications. Coupling agent for epoxy composites employed in electronic chip encapsulation.

Physical Properties and Specifications:

Appearance	Colorless transparent liquid
Color (Pt-Co)	30 Max
Purity, %	98.0 Min
Density (20 °C), g/cm ³	1.0700 ± 0.005
Refractive index (n ²⁵ D)	1.4220 to 1.4320

Standard Packaging:

200 kg net per drum. Other packing sizes are available upon request.

Revised on April 9, 2020.