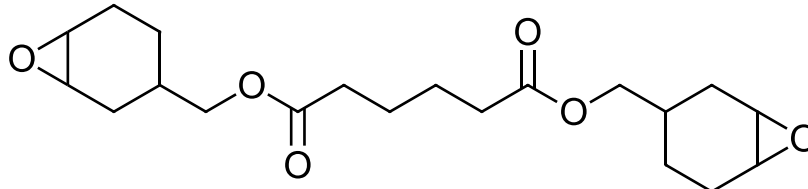


## TECHNICAL DATA SHEET

Product Name : ACHWL CER 4299  
Chemical Name : Bis (3,4-Epoxy cyclohexylmethyl) Adipate  
Molecular Weight : 366.45  
CAS Number : 3130-19-6  
Chemical Structure :



### Specifications:

Item	Typical Value
Appearance	Colorless to Pale Yellow Transparent Liquid
Viscosity, cP	400 to 750
Epoxy EEW, g/eq	190 to 210
Color, Hazen	150 max
Moisture, %	0.1 max

### Physical Properties:

Item	Typical Value
Specific Gravity	1.15
Boiling Point, °C	258 at 10 mm Hg
Vapor Pressure @ 20°C, mm Hg	< 0.1
Freezing Point, °C	9
Solubility in Water, %	0.01

### Properties:

ACHWL CER 4299 is a cycloaliphatic epoxy resin made by our proprietary epoxidation using a special catalyst system. It is a liquid with lower viscosity than epi- and bis- epoxy resins for general purposes and contains no halogen impurities such as chlorine. It gives superior transparency with acid anhydride curing agents and provides cured parts with a high flexibility that requires heat-deformation temperature less than 100 °C. These properties find uses in applications such as cation or acid cured coatings, electrical-insulating varnishes and sealants for semiconductors.



*Offering reliable & sustainable solutions*

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**Applications:**

Used for FRPs, electrical-insulating varnishes, insulating sealants for semiconductors, transparent insulating sealants for light-emitting diode, ultraviolet-curing coating materials, and coating curing agents.

**Mixing:**

Please mix thoroughly to obtain best effect. Keep the mixer dry and acid-free prior to mixing.

**Safety and Stock:**

Keep in stock as ordinary chemicals. Avoid exposure to air, sunlight, and acid. Wear protective goggles and gloves while using the product. Avoid direct contact with skin and eyes. Use soap to clean if skin contaminated.

Shelf-life: 36 months.

**Packaging:**

Available in drums, IBCs, and iso-tankers

Revised 6/22/2022