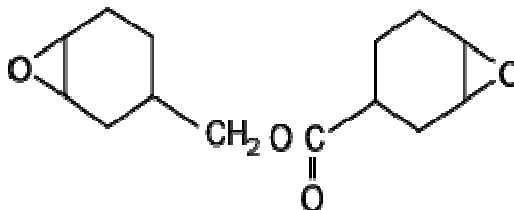


ACHWL CER 4221

1.) Typical Properties:

Product Name:	ACHWL CER 4221
Chemical Name:	7-Oxabicyclo[4.1.0] heptane-3-carboxylic acid, 7-oxabicyclo[4.1.0]hept-3-yl methyl ester
Molecular Weight:	252.3
CAS RN:	2386-87-0
TSCA:	Listed, 2386-87-0
EINECS:	Listed, 219-207-4
Chemical Structure:	



2.) Specifications:

Appearance:	Clear Liquid
Viscosity:	200-450 cps
Epoxy EEW:	128-145
Color, APHA:	100 max
Moisture:	0.05% max

3.) Properties:

ACHWL CER 4221 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 from acid anhydride curing agents, and provides cured parts with a high heat-deformation temperature. These properties find uses in applications such as cation or acid cured coatings, electric-insulating varnishes and sealants for semiconductors. It is also used as the acid scavenger for halogen compounds.

4.) Applications:

FRP's electrical-insulating varnishes, electrical-resin porcelains, insulating sealants for semiconductors, transparent insulating sealants for light-emitting diode, ultraviolet-curing coating materials, coating curing agents, and the acid scavenger for resins containing halogen.

5.) Mixing:

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

6.) 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.

7.) Packaging:

Available in drums or IBCs.

JLC, October 2007