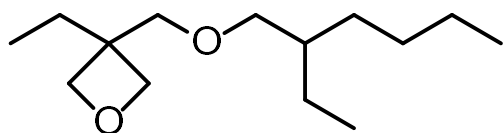


ARON OXETANE[®] OXT-212

3-Ethyl-3-[(2-ethylhexyloxy)methyl]oxetane

Chemical structure



3-Ethyl-3-[(2-ethylhexyloxy)methyl]oxetane
 Molecular Weight : 228.4
 Functionality : 1
 Appearance : Liquid

Product data

Purity (%)	≧ 95
Viscosity (mPa·s, 25 °C)	3-6
Boiling point (°C/kPa)	133/1.33
Refractive index (n _D ²⁵)	1.438
Specific gravity (25 °C)	0.890
Surface tension (mN/m, 23°C)	29.0

Properties of cured film

Specific gravity	0.922
Curing shrinkage (%)	3.8
Tg (°C, DSC)	-60

Registration

Japan (METI)	Listed
USA (TSCA)	Listed
EU (REACH)	Listed
China (IECSC)	Listed
Korea (ECL)	Listed
K-REACH	Not Listed
Taiwan	Listed

As of Mar. 2024

Description

- OXETANE is used together with epoxy and has the following benefits.
 1. Low curing shrinkage
 - Improved Adhesion
 - Good dimensional stability
 2. Improved UV curability of epoxy
 - Increased production efficiency
 3. Increased molecular weight of epoxy
 - Improved durability

Features

- Low viscosity
 - Suitable a reactive diluent for epoxy
- Hydrophobic
 - Suitable for electronic parts
- Low surface tension
 - Improved substrate wetting


Application

- Adhesive (ex. Electronic parts), Sealing, etc.

Package

15 kg (5 gallon square can)
 170 kg (55 gallon drum)

Safety data

Signal word (GHS US)	Warning
Hazard pictograms (GHS US)	
Ames test	Negative
P.I.I.	3.1
Flash point (°C)	130 Open – cup

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