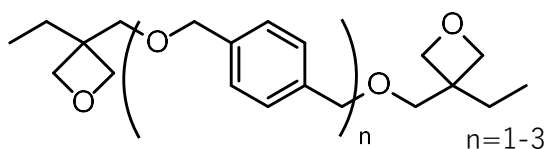


ARON OXETANE[®] OXT-121

1,4-Bis{[(3-ethyloxetane-3-yl)methoxy]methyl}benzene

Chemical structure



1,4-Bis{[(3-ethyloxethane-3-yl)methoxy]methyl}benzene

Molecular Weight : 334.4 (Main component)
 Functionality : 2
 Appearance : Liquid or Solid

Product data

Purity (%)	≧ 95
Viscosity (mPa·s, 25 °C)	150-185
Refractive index (n_D^{25})	1.510
Specific gravity (25 °C)	1.07
Surface tension (mN/m, 23°C)	40.1

Properties of cured film

Specific gravity	1.104
Curing shrinkage (%)	3.3
Tg (°C, DMS)	94

Registration

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

- Good thermal resistance
 - Suitable for electronic parts
- Good chemical resistance


Application

- Adhesive (ex. Optical products),
 Sealing (ex. Electronic parts),
 Solder resist, etc.

Package

18 kg (5 gallon square can)

Safety data

Signal word (GHS US)	Warning
Hazard pictograms (GHS US)	
Ames test	Negative
P.I.I.	2.6
Flash point (°C)	220 Open – cup

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