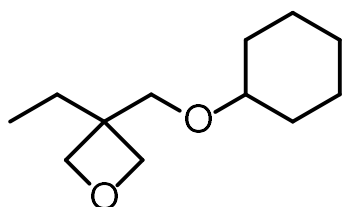


ARON OXETANE[®] OXT-213

3-Ethyl-3-(cyclohexyloxymethyl)oxetane
(Development product)

Chemical structure



3-Ethyl-3-(cyclohexyloxymethyl)oxetane

Molecular Weight : 198.4

Functionality : 1

Appearance : Liquid

Product data

Purity (%)	≥ 98
Viscosity (mPa·s, 25 °C)	3-12
Boiling point (°C/kPa)	125/1.3
Refractive index (n _D ²⁵)	1.46
Specific gravity (25 °C)	0.954

Properties of cured film

Specific gravity	1.018
Curing shrinkage (%)	4.2
T _g (°C, DMS)	1

Registration

Japan (METI)	Low production volume
USA (TSCA)	Not Listed
EU (REACH)	Not Listed
China (IECSC)	Not Listed
Korea (ECL)	Not 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


Application

- Adhesive, Coating, Sealing, 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.	2.5
Flash point (°C)	122 Open – cup

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