

UviCure S150

Aug-2020 v.7

Technical Data Sheet

General Information

UviCure S150 is a difunctional aromatic oxetane which can be used as an additive in cationic formulations to increase hardness, chemical resistance and thermal resistance when polymerised with onium salt photoinitiators.

Chemical Name

1,4-Bis[(3-ethyl-3-oxetanylmethoxy)methyl]benzene

CAS Number

142627-97-2

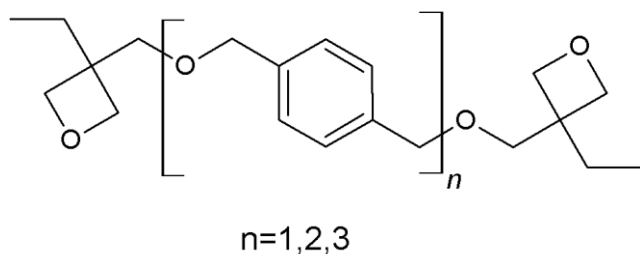
EC Number

n/a

Mol. Wt.

334, n=1

Structure



Specification (LAM 386)

Appearance :

Pale yellow clear liquid

Purity (GC) :

≥ 90.0 %area

Water Content (Karl Fischer) :

≤ 0.1 %w/w

Epoxide Equivalent :

150.0 - 220.0 g/mol

Applications

- LED curing
- Metal coatings
- 3D printing
- Adhesives
- Composites
- Clear coatings
- Pigmented systems
- White pigmented systems
- Black pigmented systems
- Glass coatings

Storage and Handling

Stable for at least 2 year(s) at 20°C in a sealed container in the dark. A Safety Data Sheet is available on request.

Transport Classification

(EUROPE AND USA) NON-HAZARDOUS

Global Inventories

IECSC, TSCI

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