

UviCure S170

Aug-2020 v.9

Technical Data Sheet

General Information

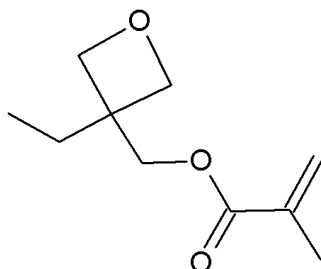
UviCure S170 is a low viscosity oxetane-methacrylate hybrid resin which can be used in epoxide/acrylate hybrid curing systems to give superior properties to either system used alone when polymerised with onium salt photoinitiators.

Chemical Name

3-Ethyl-3-(Methacryloyloxy)Methyloxetane

CAS Number	EC Number	Mol. Wt.
37674-57-0	n/a	184.2

Structure



Specification (LAM 387)

Appearance :	Colourless to pale yellow clear liquid
Purity (GC) :	≥ 98.0 %area
Viscosity (LV, Sp31, 60rpm @ 25°C) :	1.0 - 100.0 mPa.s
Water Content (Karl Fischer) :	≤ 0.15 %w/w
Epoxide Equivalent :	170.0 - 220.0 g/mol
Stabiliser (MEHQ) :	150.0 - 250.0 ppm

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

CSCL, ISHL, ECL, TSCI

Disclaimer: Please consult Arkema's disclaimer regarding the use of our products on <https://www.arkema.com/en/products/product-safety/disclaimer/>

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