

# UviCure S170

Feb-2022 v.11

## Technical Data Sheet

### General Information

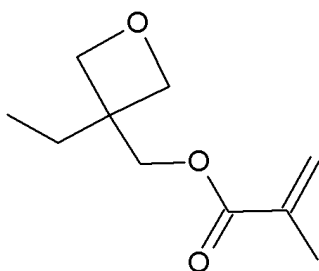
UviCure S170 is a low viscosity oxetane-methacrylate hybrid resin which can be used in epoxide/acrylate hybrid curing systems to give superior properties to either system used alone when polymerised with onium salt photoinitiators.

### Chemical Name

3-Ethyl-3-(Methacryloyloxy)Methyloxetane

CAS Number	EC Number	Mol. Wt.
37674-57-0	680-515-4	184.2

### Structure



### Specification (LAM 387)

Appearance :	Colourless to pale yellow clear liquid
Purity (GC) :	≥ 98.0 %area
MEHQ Content (HPLC) :	150.0 - 250.0 ppm
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

### 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

ISHL, CSCL, ECL, TSCI

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