

UviCure S128

Aug-2020 v.6

Technical Data Sheet

General Information

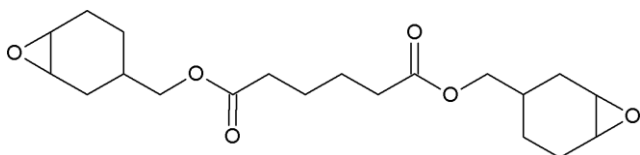
UviCure S128 is an adipate based difunctional cycloaliphatic epoxide resin which can be used alone or as an additive in UviCure S105 based formulations to increase the flexibility of a cured coating when polymerised with onium salt photoinitiators.

Chemical Name

Bis((3,4-epoxycyclohexyl)methyl) adipate

CAS Number	EC Number	Mol. Wt.
3130-19-6	221-518-5	366.5

Structure



Specification (LAM 309)

Appearance :	Pale yellow to yellow clear liquid
Viscosity (LV, Sp31, 30rpm @ 25°C) :	500.0 - 650.0 mPa.s
Water Content (Karl Fischer) :	≤ 0.15 %w/w
Epoxide Equivalent :	190.0 - 210.0 g/mol
APHA :	≤ 150.0

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.

Global Inventories

REACH, EINECS, TSCA, DSL, AICS, NZIoC, IECSC, CSCL, ECL, TSCI

Transport Classification

(EUROPE AND USA) NON-HAZARDOUS

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