

TECHNICAL DATA SHEET

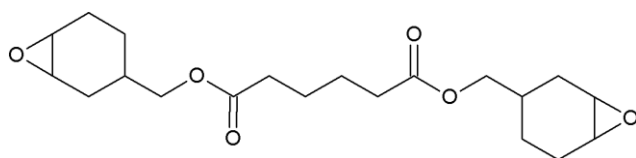
UviCure S128

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

Description

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.

STRUCTURE



SHELF LIFE

Typical shelf life is 24 months from manufactured date for unopened containers.

In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided.

STORAGE

Store in the dark in the original, closed container in a dry, cool and well ventilated place at (20°C).

Keep away from frost, light and heat (open flames, hot surfaces and sources of ignition) sources.

INVENTORIES, HEALTH AND SAFETY

See SDS for Regulatory, Health & Safety Considerations

SALES SPECIFICATION

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 (Neat)	≤ 150.0

CAS NUMBER

3130-19-6

PERFORMANCE

Adhesion, Chemical Resistance, Corrosion Resistance, Flexibility, Hardness, Scratch Resistance, Shrinkage

SUGGESTED APPLICATIONS

3D printing, Adhesives & sealants, Composites, Metal coatings, Overprint varnishes, Plastic coatings