

PowerCure™ 754 Photoinitiator

Introduction

PowerCure™ 754 is a high-performance bifunctional free radical photoinitiator offering fast curing, low migration, minimal toxicity and yellowing. Its distinctive hydrophilic property renders it applicable to water - based UV curing systems.

Chemical Name

Benzeneacetic acid, a-oxo-,1,1'-(oxydi-2,1-ethanediyl) ester

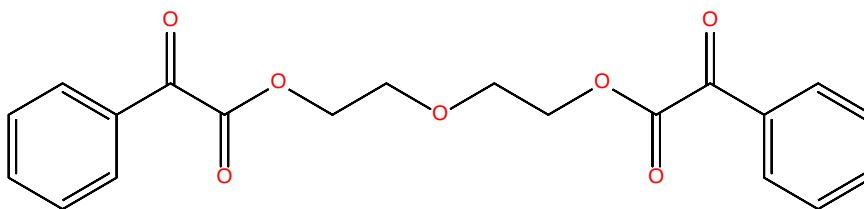
CAS Number

211510-16-6

EINECS Number

442-300-8

Chemical Structure



Chemical Formula

C₂₀H₁₈O₇

Molecular Weight

370.35

Physical Properties

Appearance	Light yellow liquid
TR-MBF Content (%)	Max.5.0
Purity (%)	Min.95.0

Benefits & Applications

- High reactivity
- Low yellowing
- Low odor, low migration, low toxicity
- Suitable for water-based systems

PowerCure™ 754 can be applied to various materials in direct contact with the human body, such as coatings and food packaging inks.

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PowerCure™ 754 is suitable for waterborne UV curing systems.

The recommended dosage is 3% - 5%.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry, dark, ventilated area. The product exhibits crystal precipitation at low temperatures. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

PowerCure™ 754 is supplied in 25Kg pail.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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