

PowerCure™ 151 Photoinitiator

Introduction

PowerCure™ 151 is a mixed macromolecular free radical photoinitiator with the characteristics of low volatility, low migration, low toxicity and low yellowing. It is suitable for all kinds of materials in direct contact with human body, and also suitable for thin coatings with large impact of oxygen polymerization inhibition.

Chemical Name

Oligomeric alpha hydroxy ketone (70% wt)
and 2-hydroxy-2-methylpropiophenone (30% wt)

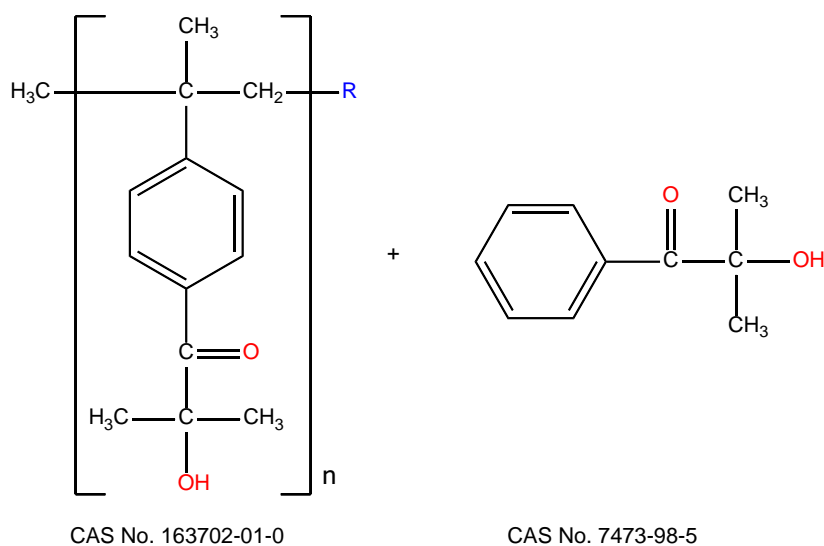
CAS Number

163702-01-0, 7473-98-5

EINECS Number

402-990-3, 231-272-0

Chemical Structure



Physical Properties

Appearance	Yellow transparent viscous liquid
Water Content (%)	Max.0.50

Benefits & Applications

PowerCure™ 151 is suitable for all kinds of materials in direct contact with human body, and also suitable for thin coatings with large impact of oxygen polymerization inhibition.

PowerCure™ 151 can be applied to some kinds of materials in direct

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contact with human body, such as wood coating.

The recommended dosage of PowerCure™ 151 is 3~5% in total.

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 two years in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

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

Packing

PowerCure™ 151 is supplied in 25Kg pail, 200Kg drum.

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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We disclaim liability for any incidental or consequential damages.