

PowerCure™ 152 Photoinitiator

Introduction

PowerCure™ 152 is a viscous liquid. It is insoluble in water and soluble in most common organic solvents, monomers, and oligomers for UV applications. This product is an oligomeric polyfunctional α -hydroxyketone characterized by high reactivity and non yellowing properties. It is particularly recommended when low migration and low odor are required characteristics.

Chemical Name

Oligomeric alpha hydroxy ketone (75% wt)
(TPGDA) Tripropylene glycol diacrylate (25% wt)

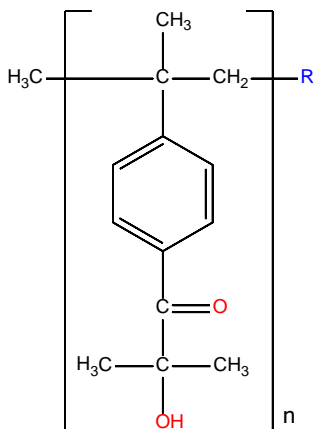
CAS Number

163702-01-0, 42978-66-5

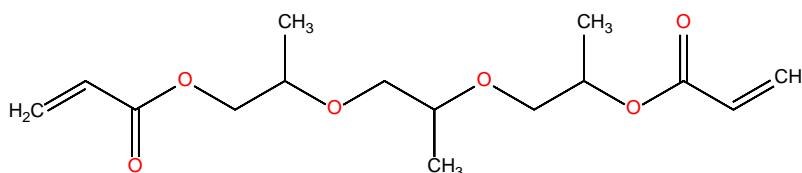
EINECS Number

402-990-3, 256-032-2

Chemical Structure



CAS No.:163702-01-0



CAS No.:42978-66-5

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Physical Properties

Appearance	Viscous transparent liquid
Active ingredient content (%)	73.50-76.50

Benefits & Applications

PowerCure™ 152 can be applied in the manufacturing of graphic arts, adhesives, and coatings for wood, plastic, paper, and metal.

PowerCure™ 152 is designed for clear, water-based and pigmented systems.

PowerCure™ 152 is used in graphic arts (OPV and printing inks), coatings for wood, plastic, paper, metal and adhesives.

The recommended dosage level of PowerCure™ 152 is 1-8% by weight and depends on system composition, thickness, and desired cure speed.

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 8 months 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™ 152 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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

Sustainable Innovation for a Better Future



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We disclaim liability for any incidental or consequential damages.