

# PowerCure™ OXE02 Photoinitiator

## Introduction

PowerCure™ OXE02 is mainly used in all kinds of UV coatings, UV ink, UV adhesive, resist, Solder resistance, etc., mostly used in light-colored systems.

## Chemical Name

[1-[9-ethyl-6-(2-methylbenzoyl)carbazol-3-yl]ethylideneamino] acetate

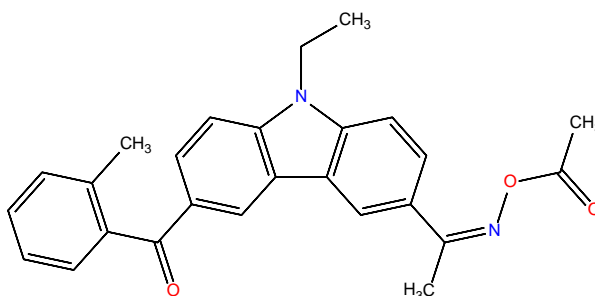
## CAS Number

478556-66-0

## EINECS Number

455-590-6

## Chemical Structure



## Chemical Formula

C<sub>26</sub>H<sub>24</sub>N<sub>2</sub>O<sub>3</sub>

## Physical Properties

Appearance	Pale White To Light Yellow Powder
Melting Point (°C)	122-129
Volatile Loss (%)	Max.0.5
Purity (%)	Min.99

## Benefits & Applications

PowerCure™ OXE02 has high photoinitiation activity and wide absorption peak, which can be used with LED.

PowerCure™ OXE02 can be used in both colorless and colored systems.

PowerCure™ OXE02 is non-toxic, odourless and helps protect the environment.

## Handling & Storage

In accordance with good industrial practice, handle with care and avoid

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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 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™ OXE02 is supplied in 1Kg Paper Bag.

### **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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