

# PowerCure™ EHA Amine Synergist

## Introduction

PowerCure™ EHA is a highly effective amine synergist (also called photosensitizers). When used with a low-migration Type II photoinitiator, it will increase the photosensitivity of photoinitiator and accelerate the curing of the system.

## Chemical Name

2-Ethylhexyl-4-dimethylaminobenzoate

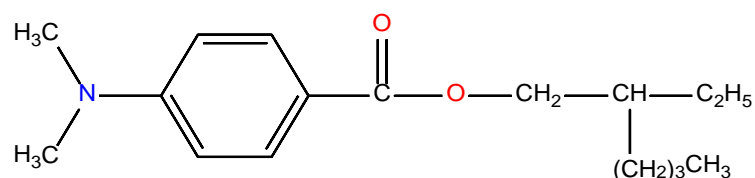
## CAS Number

21245-02-3

## EINECS Number

244-289-3

## Chemical Structure



## Chemical Formula

C<sub>17</sub>H<sub>27</sub>NO<sub>2</sub>

## Molecular Weight

277.4

## Physical Properties

Appearance	Light yellow liquid
Melting point (°C)	Max.-25
Flash point (°C)	190
Density [20°C] (g/cm <sup>3</sup> )	0.994
UV-Absorption (nm)	310
Water solubility [20°C]	0.1/L
Purity (%)	Min.99

## Benefits & Applications

PowerCure™ EHA may be used together with photoinitiators in the plastic materials coatings, inks and adhesives.

Recommended dosage is 2-5% w/w.

## 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™ EHA is supplied in a 25Kg or 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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