

# PowerCure™ 198 Amine Synergist

## Introduction

PowerCure™ 198 is a multifunctional high molecular weight amine. It is an amine synergist (also called photosensitizers). When used with Type II photoinitiators, it enables high speed curing in clear and pigmented systems. It produces very low levels of odor and yellowing during and after curing.

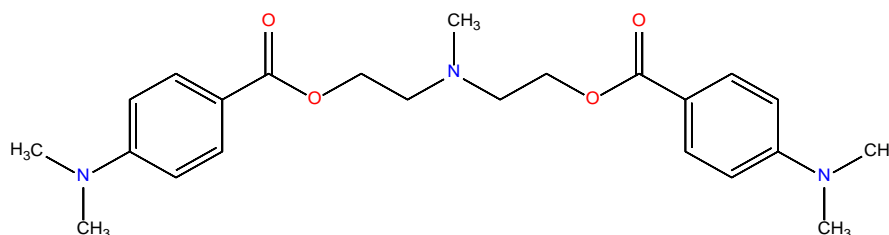
## Chemical Name

1,1'-[(Methylimino)di-2,1-ethanediyl] bis[4-(dimethylamino)benzoate]

## CAS Number

925246-00-0

## Chemical Structure



## Chemical Formula

C<sub>23</sub>H<sub>31</sub>O<sub>4</sub>N<sub>3</sub>

## Molecular Weight

413

## Physical Properties

|                    |              |
|--------------------|--------------|
| Appearance         | White Powder |
| Melting Point (°C) | 92-96        |
| Purity (%)         | Min.99       |

## Benefits & Applications

PowerCure™ 198 is an auxiliary initiator that, when combined with a type II photoinitiator, enables fast curing in both clear and pigmented systems.

PowerCure™ 198 produces a very low odor and yellowing during and after curing. Due to its molecular structure, it is particularly suitable for all systems that require low migration and low extraction values (food packaging).

PowerCure™ 198 can be used in graphic art, wood coatings and plastic coatings.

## PowerCure™ 198 Amine Synergist

### 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™ 198 is supplied in 15Kg Carton.

### 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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