

## PowerCure™ MBP Photoinitiator

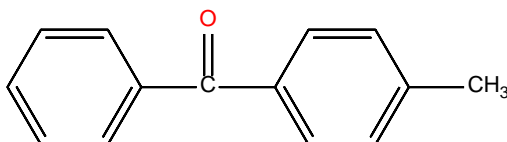
**Introduction** PowerCure™ MBP is a highly effective free radical type II photoinitiator.

**Chemical Name** 4-Methylbenzophenone

**CAS Number** 134-84-9

**EINECS Number** 205-105-1

**Chemical Structure**



**Chemical Formula** C<sub>14</sub>H<sub>12</sub>O

**Molecular Weight** 196.24

**Physical Properties**

Appearance	White Crystalline flake
Purity, %	Min.99
Melting point	55 - 58°C
Flash point, 1013hPa	143°C
Boiling point, 101.3kPa	326°C
Water solubility, mg /L, 25°C	32
Density, 20°C	1.079 g/cm <sup>3</sup>
Absorption, nm	245

**Benefits & Applications**

PowerCure™ MBP can be mainly used in the UV polymerization with tertiary amine, such as clear lacquer, plastic coatings, wood coatings, adhesives, offset printing ink, screen printing ink, flexo ink, and electronic products.

**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.

## PowerCure™ MBP Photoinitiator

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™ MBP is supplied in a 20kg carton box, 600Kg/pallet.

### **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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