

## PowerCure™ OMBB Photoinitiator

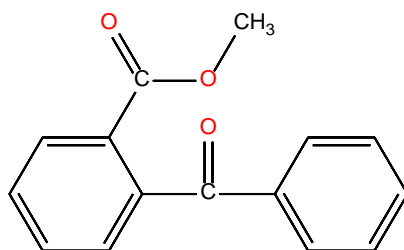
**Introduction** PowerCure™ OMBB is a kind of highly efficient solid photoinitiator with extremely low odor, which is widely used in all kinds of food packaging UV ink and varnish system.

**Chemical Name** Methyl 2-benzoylbenzoate

**CAS Number** 606-28-0

**EINECS Number** 210-112-3

**Chemical Structure**



**Chemical Formula** C<sub>15</sub>H<sub>12</sub>O<sub>3</sub>

**Molecular Weight** 240.3

**Physical Properties**

Appearance	White crystal solid
Purity (%)	Min.99
Melting point (°C)	48-52
Density [20°C] (g/cm <sup>3</sup> )	1.69
Absorption (nm)	204, 254

**Benefits & Applications**

- Extremely low volatility
- Absorbs short wavelength UV light
- Does not contribute to photo yellowing
- Virtually odorless initiator ideal for food packaging printing inks
- Ideal photoinitiator to promote rapid surface cure

PowerCure™ OMBB can be widely used in all kinds of food packaging, UV

## PowerCure™ OMBB Photoinitiator

ink and varnish system.

PowerCure™ OMBB can be used in wood varnishes, particularly for indoor uses.

Recommended dosage is 2-5% w/w.

### 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 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™ OMBB is supplied in a 20Kg 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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