

PowerCure™ 501 Photoinitiator

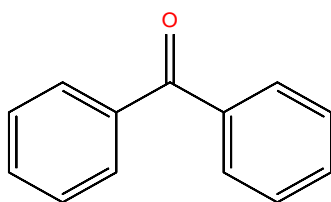
Introduction PowerCure™ 501 is a mixture of benzophenone and 4-methylbenzophenone. It is highly soluble and compatible with the various curable systems.

Chemical Name Mixture of 4-Methylbenzophenone and Benzophenone

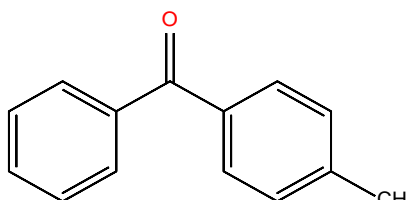
CAS Number 119-61-9, 134-84-9

EINECS Number 204-337-6, 205-159-1

Chemical Structure



PowerCure™ BP, CAS No.: 119-61-9



PowerCure™ MBP, CAS No.: 134-84-9

Physical Properties

Appearance	Clear Liquid
UV Absorption (nm)	250-290
Color	Max.200
Benzophenone Content (%)	48.0-52.0

Benefits & Applications

PowerCure™ 501 is particularly indicated for the photopolymerization of UV curable systems when high reactivity, low curing odor and low yellowing are required.

PowerCure™ 501 is used in wood, plastic & metal coatings and OPV & printing inks.

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The recommended addition level is between 0.2 and 8% by weight and depends on system composition, thickness, and desired cure-speed.

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™ 501 is supplied in 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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