

PowerCure™ BMS Photoinitiator

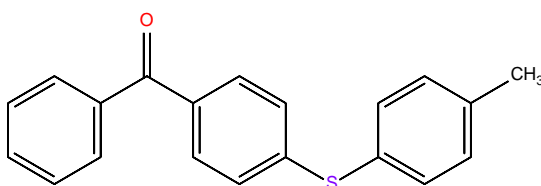
Introduction PowerCure™ BMS is a highly effective Type II photoinitiator used to initiate radical polymerization of unsaturated monomers and oligomers such as acrylates after exposure to UV light.

Chemical Name 4-Benzoyl-4'-methyl diphenyl sulphide

CAS Number 83846-85-9

EINECS Number 281-064-9

Chemical Structure



Chemical Formula C₂₀H₁₆OS

Physical Properties

Appearance	White crystalline powder
Melting Range	75-85°C
Volatile (%)	Max.0.5
Ash (%)	Max.0.1
Purity (%)	Min.98

Benefits & Applications

PowerCure™ BMS may be used, after adequate testing, in UV curable adhesive, coating and ink formulations based on acrylates, for substrates such as paper, wood, metal, plastics and glass.

PowerCure™ BMS is an efficient photoinitiator for various applications using UV radcure technology. Its performance can be improved when used in conjunction with amine synergists.

The properties of the formulated product will depend on the actual reactive monomers, oligomers and additives used.

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™ BMS is supplied in 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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We disclaim liability for any incidental or consequential damages.