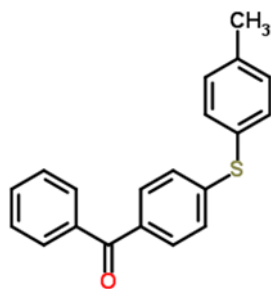


Product Data Sheet

General Information

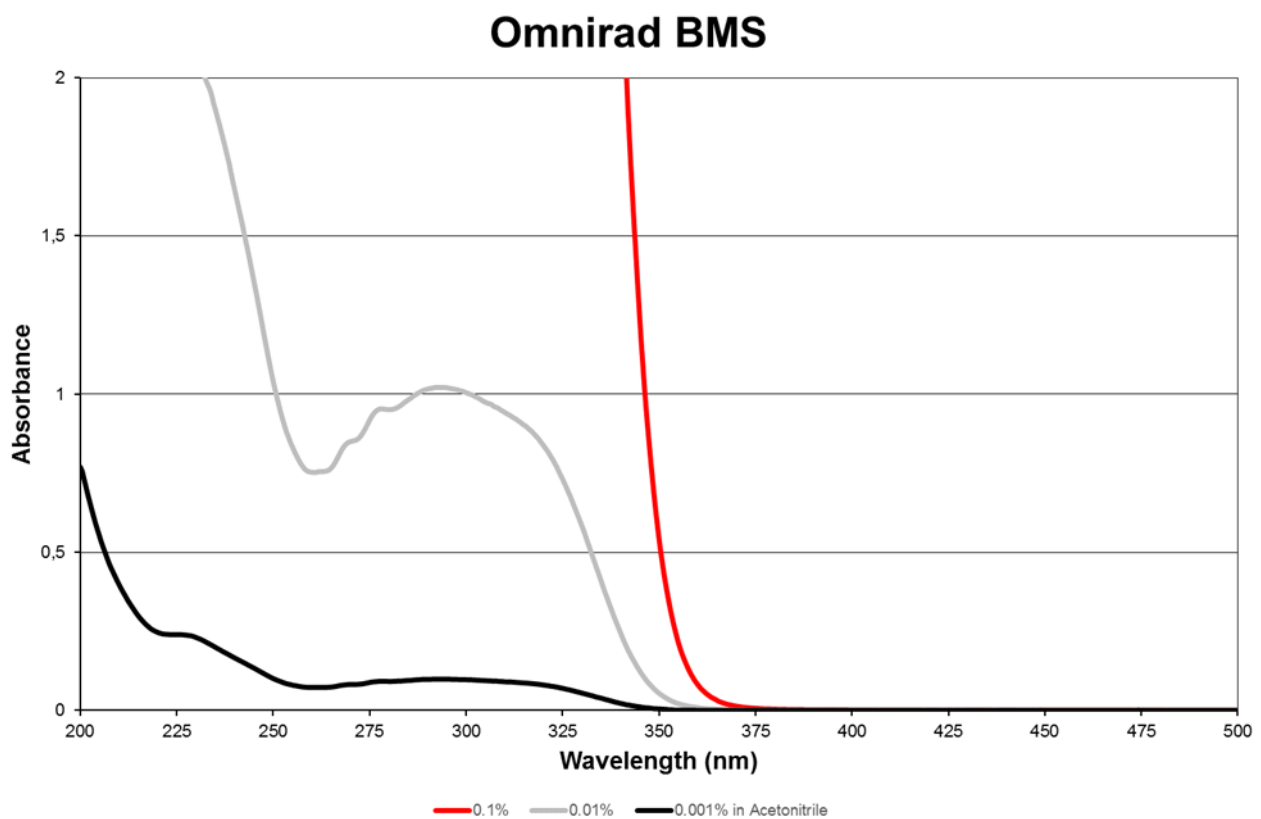
Omnirad BMS is a highly effective Type II photoinitiator used to initiate radical polymerization of unsaturated monomers and oligomers e.g. acrylates after exposure to UV light.

Chemical Data



Chemical Name: 4-(4Methylphenylthio) benzophenone
Molecular weight: 304.4 g/mol
CAS No: 83846-85-9

Absorption Spectrum



Specification

Appearance	Visual	White crystalline powder
Purity	HPLC analysis	≥ 98.0 %
Volatiles	Loss on Drying	≤ 0.5 %
Melting range	Melting Point apparatus	75 - 85 °C
Ash Content	Residual on ignition	≤ 0.1 %

Application

Omnirad 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.

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

Formulated product properties will depend on the actual reactive monomers, oligomers and additives utilized.

Recommended Addition levels

An addition level of 2-8% by weight of total formulation is recommended for technical applications.

Storage & Handling

Storage must be in a cool, shaded, well ventilated and dry area away from direct sources of heat and sunlight.

Avoid contact with alkaline additives and water. Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 24 months.

Omnirad BMS should be handled in accordance with good industrial practice. Further information is provided in the material safety data sheet which is available on request.

Regulatory Status

All information can be found on MSDS (Material safety data sheet) and RIS (Regulatory Information Sheet) available upon request.

Packaging

Omnirad BMS is available in 20 kg Cartons.

Disclaimer:

The information presented in this data sheet is given in good faith and is based on the material available to us at the time of writing. The information is not to be taken as a warranty or representation for which we assume legal responsibility, nor as permission or recommendation to practice any patented invention without a license. It is offered solely for consideration, investigation and verification.

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