

# SpeedCure BMS

Feb-2022 v.9

## Technical Data Sheet

### General Information

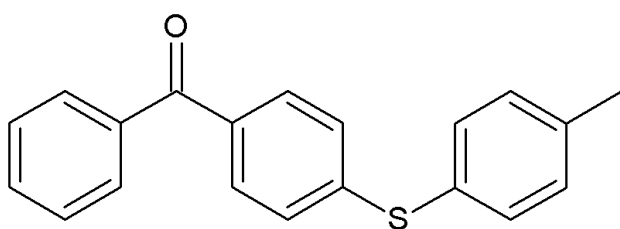
SpeedCure BMS is a Norrish Type II photoinitiator of the benzophenone family, with absorption maxima at 246 and 315 nm. SpeedCure BMS provides high reactivity, surface cure and depth cure when used at 0.5-5 wt% and combined with an amine synergist in UV and LED curable formulations.

### Chemical Name

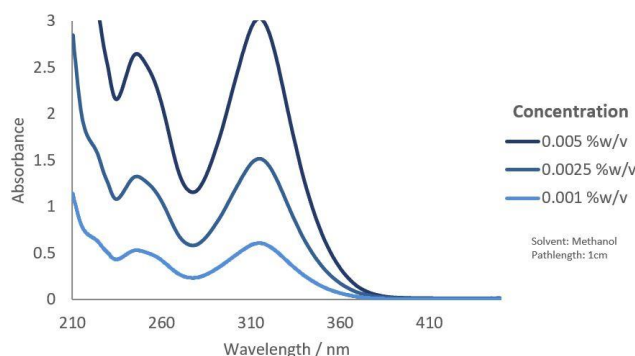
4-benzoyl-4'-methylphenyl sulphide

| CAS Number | EC Number | Mol. Wt. |
|------------|-----------|----------|
| 83846-85-9 | 281-064-9 | 304.4    |

### Structure



### UV Spectrum



### Specification (LAM 176)

|  |                          |
|--|--------------------------|
| Appearance :                                 | White to off-white solid |
| Purity (GC) :                                | ≥ 98.0 %area             |
| Melting Range :                              | 75.0 - 85.0 °C           |
| Loss on Drying (60°C, 3 hours, 50-100mbar) : | ≤ 0.5 %w/w               |

### Applications

- Clear coatings
- Pigmented systems
- LED curing
- Electronics
- Adhesives

### Storage and Handling

Stable for at least 2 year(s) at 20°C in a sealed container in the dark. A Safety Data Sheet is available on request.

### Transport Classification

(EUROPE AND USA) NON-HAZARDOUS

### Global Inventories

REACH, EINECS, TSCA, NDSL, AICS, NZIoC, IECSC, ISHL, CSCL, ECL, PICCS, TSCI

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