

PowerCure™ MEK Photoinitiator

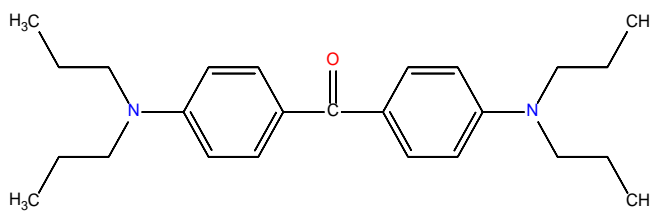
Introduction PowerCure™ MEK is an effective photoinitiator for curing pigmented and clear UV-curable, acrylate-based coatings, adhesives and inks.

Chemical Name 4,4'-bis(diethylamino)benzophenone

CAS Number 90-93-7

EINECS Number 202-025-4

Chemical Structure



Chemical Formula C₂₁H₂₈N₂O

Molecular Weight 324.46

Physical Properties

Appearance	Light yellow powder
Melting point (°C)	94-97
Purity (%)	Min.99
Density [20°C] (g/cm ³)	1.11
UV-Absorption (nm)	248, 374
Water solubility [20°C, pH 6.8-7]	99.8 (µg/L)

Benefits & Applications

PowerCure™ MEK can be used at concentrations of 0.1% to 4.0% by weight in UV-curable formulations.

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



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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™ MEK 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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