

# PowerSorb™ 3040

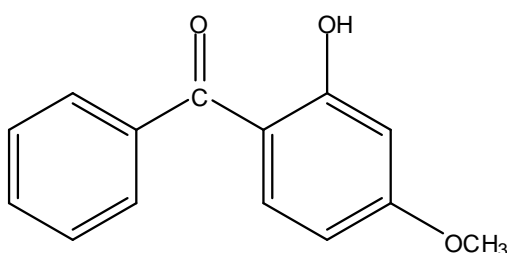
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## CHEMICAL NAME

2-Hydroxy-4-methoxybenzophenone

## CHEMICAL STRUCTURE



## INTRODUCTION

PowerSorb™ 3040 is readily compatible with many plastics. It is a particularly effective UV absorber in PVC and unsaturated polyester resins.

## PHYSICAL PROPERTIES

CAS No.	131-57-7
EC No.	205-031-5
Formula	C <sub>14</sub> H <sub>12</sub> O <sub>3</sub>
Molecular Weight	228
Density [25°C, g/cm <sup>3</sup> ]	1.32
Melting Point(°C)	62-65
Solidification Point(°C)	62-72
Boiling Point(°C)	150-160
Volatiles(%)	Max.0.50
Heavy Metals(PPM)	Max.5.00
Appearance	Pale Yellow Powder
Min. Purity	99.5%

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Solubility (20°C)	% w/w
Acetone	50
Benzene	80
Ethanol	5
Ethyl acetate	38
Methanol	3
Methyl ethyl ketone	40
Methylene Chloride	20
Chloroform	120
Chlorobenzene	50
Isopropanol	2
Tetrachloroethane	110
Toluene	52
Water	<0.01

## APPLICATIONS

PowerSorb™ 3040 exhibits good heat stability and does not affect the inherent colour of polymer substrates.

Other applications are:

- Acrylic resins
- Alkyd resins
- Cellulose nitrate
- Phenolic resins
- Oil colours

## HANDLING AND STORAGE

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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

PowerSorb™ 3040 is supplied in 25kg drum.

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