

# PowerSorb™ 3040 UV Absorber

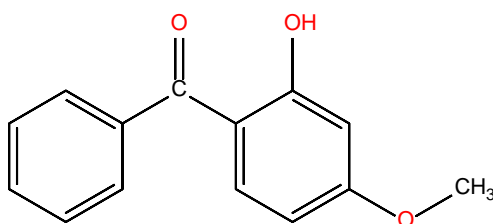
**Introduction** PowerSorb™ 3040 is readily compatible with many plastics. It is a particularly effective UV absorber in PVC and unsaturated polyester resins.

**Chemical Name** 2-Hydroxy-4-methoxybenzophenone

**CAS Number** 131-57-7

**EINECS Number** 205-031-5

**Chemical Structure**



**Chemical Formula** C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>

**Molecular Weight** 228

**Physical Properties**

Appearance	Pale Yellow Powder
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
Purity (%)	Min.99.5

**Solubility**

Solubility [20°C]	% w/w
Acetone	50
Benzene	80
Ethanol	5
Ethyl acetate	38

## PowerSorb™ 3040 UV Absorber

Methanol	3
Methyl ethyl ketone	40
Methylene Chloride	20
Chloroform	120
Chlorobenzene	50
Isopropanol	2
Tetrachloroethane	110
Toluene	52
Water	<0.01

### Benefits & Applications

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

Other applications are:

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

### 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 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 20Kg Paper Bag, 20Kg PE Bag, 25Kg Carton Box, and 50Kg Fiber Drum.

### Note

All information in the leaflet is based on our present knowledge and



## PowerSorb™ 3040 UV Absorber

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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.