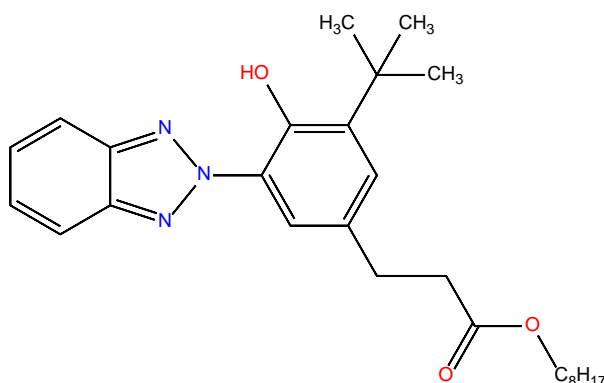


# PowerSorb™ 384-2 UV Absorber

<b>Introduction</b>	PowerSorb™ 384-2 is a liquid UV absorber of the hydroxyphenylbenzotriazole class developed for coatings.
<b>Chemical Name</b>	3-(2H-Benzotriazolyl)-5-(1,1-di-methylethyl)-4-hydroxy-benzenepropanoic acid octyl esters
<b>CAS Number</b>	127519-17-9
<b>EINECS Number</b>	407-000-3

## Chemical Structure



<b>Chemical Formula</b>	$C_{27}H_{37}N_3O_3$
<b>Molecular Weight</b>	452

## Physical Properties

Appearance	Pale yellowish liquid
Dynamic Viscosity (20°C, mPa·s)	3200
Density (20°C, g/cm <sup>3</sup> )	1.0718
Garnder (%)	Max.7
Color of Solution 460nm (%)	Min.95
Color of Solution 500nm (%)	Min.97
Purity (%)	Min.93

## PowerSorb™ 384-2 UV Absorber

### Solubility

Solubility [20°C]	% w/w
butanol	>30
Butyl carbitol	>30
Ethyl glycol acetate	>30
Butyl glycol acetate	>30
Methyl ethyl ketone	>30
1-methoxypropylacetate-2	>30
Solvesso 100	>30
Solvesso 150	>30
n-Hexane	>30
Water	<0.1

### Benefits & Applications

PowerSorb™ 384-2 is recommended for: automotive coatings, general industrial applications, i.e. coil coatings, wood coatings.

The liquid form of PowerSorb™ 384-2 provides easy incorporation into water borne systems. The performance provided by PowerSorb™ 384-2 can be enhanced when used in combination with a HALS stabilizer. These combinations improve the durability of clear coats by inhibiting or retarding the occurrence of failures such as gloss reduction, cracking, color change, blistering and delamination. The amount of PowerSorb™ 384-2 required for optimum performance should be determined in trials covering a concentration range.

### 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.

## PowerSorb™ 384-2 UV Absorber

**Packing**

PowerSorb™ 384-2 is supplied in 25 Kg Drum.

**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.

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.