

PowerSorb™ 928 UV Absorber

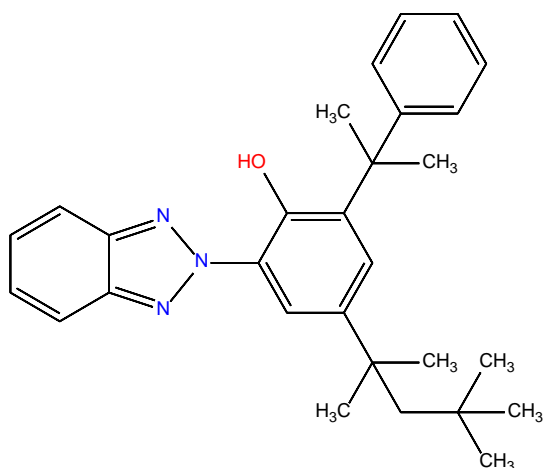
Introduction PowerSorb™ 928 possesses low volatility, exceptional light absorbing characteristics and good compatibility.

Chemical Name 2-(2H-benzotriazol-2-yl)-6-(1-methyl-1-phenylethyl)-4-(1,1,3,3-tetramethylbutyl)phenol

CAS Number 73936-91-1

EINECS Number 422-600-5

Chemical Structure



Chemical Formula $C_{29}H_{35}N_3O$

Molecular Weight 442

Physical Properties

Appearance	Pale yellow powder
Melting Point (°C)	109-113
Volatiles (%)	Max.0.3
Color of Solution (460nm, %)	Min.97
Color of Solution (500nm, %)	Min.98
Ash (%)	Max.0.05
Purity (%)	Min.98

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Benefits & Applications

PowerSorb™ 928 can effectively protect the coating film from light loss, cracking, blistering, delamination and discoloration.

PowerSorb™ 928 can be added to varnish, coating and solid color paint. Light stabilizer on the surface coating has the max. protective effect.

PowerSorb™ 928 is used as light stabilizer in plastic, rubber, dye, and coating to prevent the light decomposition with long-term exposure under the sunlight.

PowerSorb™ 928 is one of substituted benzotriazoles which protect against ultraviolet radiation. PowerSorb™ 928 has high solubility which makes it particularly useful for stabilizing coatings.

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™ 928 is supplied in net weight 25Kg Fiber Drum with PE liner.

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.

Sustainable Innovation for a Better Future



PowerSorb™ 928 UV Absorber

We disclaim liability for any incidental or consequential damages.