

PowerSorb™ 928

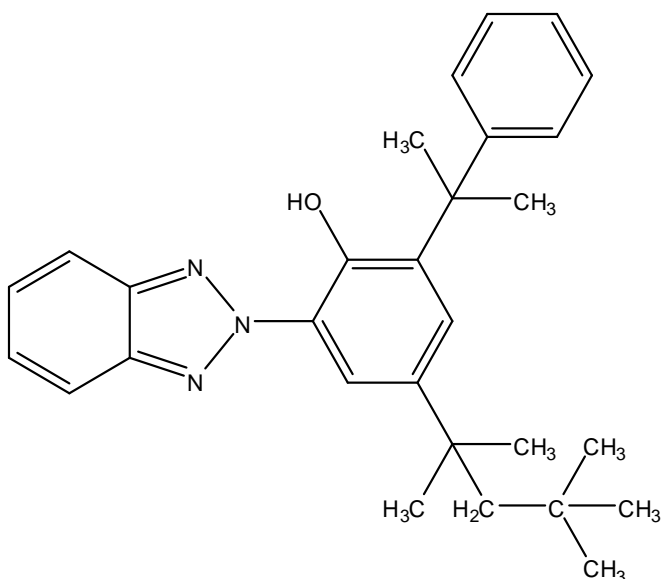
New Materials Creating New Performances

**Quality Products.
Dependable Service.**

CHEMICAL NAME

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

CHEMICAL STRUCTURE



INTRODUCTION

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

PHYSICAL PROPERTIES

CAS No.	73936-91-1
EC No.	n.a.
Formula	C ₂₉ H ₃₅ N ₃ O
Molecular Weight	442
Melting Point(°C)	109-113

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Volatiles (%)	Max.0.3
Color of Solution 460nm (%)	Min.97
Color of Solution 500nm (%)	Min.98
Appearance	Pale Yellow Powder
Ash (%)	Max.0.05
Min. Purity	98%

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 AND 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

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PowerSorb™ 928 is supplied in net weight 25kg fiber drum with PE liner.

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