

PowerSorb™ 350 UV Absorber

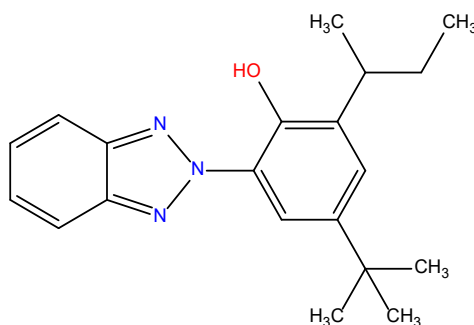
Introduction PowerSorb™ 350 is a kind of benzotriazole type ultraviolet light absorber (UVA).

Chemical Name 2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol

CAS Number 36437-37-3

EINECS Number 253-037-1

Chemical Structure



Chemical Formula C₂₀H₂₅N₃O

Molecular Weight 323.4

Physical Properties

Appearance	Light yellow powder
Melting Point (°C)	80-84
Assay (%)	Min.99
Ash (%)	Max.0.1
Transmission (425nm, %)	Min.96
Transmission (500nm, %)	Min.97

Benefits & Applications

PowerSorb™ 350 is effective in a variety of polymeric systems, particularly in polyesters, polyvinyl chlorides, styrenics, acrylics, polycarbonates, and polyvinyl butyral. PowerSorb™ 350 is especially noted for its broad range UV absorption, low color, low volatility, and excellent solubility. Typical end-uses include molding, sheet, and glazing materials for window lighting, sign, marine and auto applications. Specialty applications for PowerSorb™

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350 include coatings (particularly thermosets where low volatility is a concern), photo products, sealants, and elastomeric materials.

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™ 350 is supplied in a 25Kg Fiber Drum with an inner PE liner or 25Kg Carton.

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.

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We disclaim liability for any incidental or consequential damages.