

# Eversorb<sup>®</sup> 74

## Benzotriazole type UV absorber for coatings and plastic applications

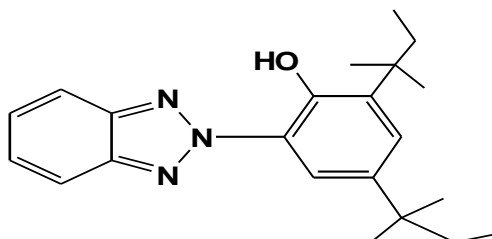
### Introduction

Eversorb<sup>®</sup> 74 is a high performance UV absorber with low initial color, high permanence and excellent compatibility with stabilizer chemistries.

### Chemical Name

2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentyl-phenol

### Chemical Structure



(CAS number) 25973-55-1

Molecular Weight 351.5 g/mol

### Physical Properties

#### Appearance

Slightly yellowish powder

#### Melting point

80-88°C

#### Solubility at 25°C (g/100g solvent)

n-Butyl Acetate : 28

Ethyl acetate : 20

Toluene : 36

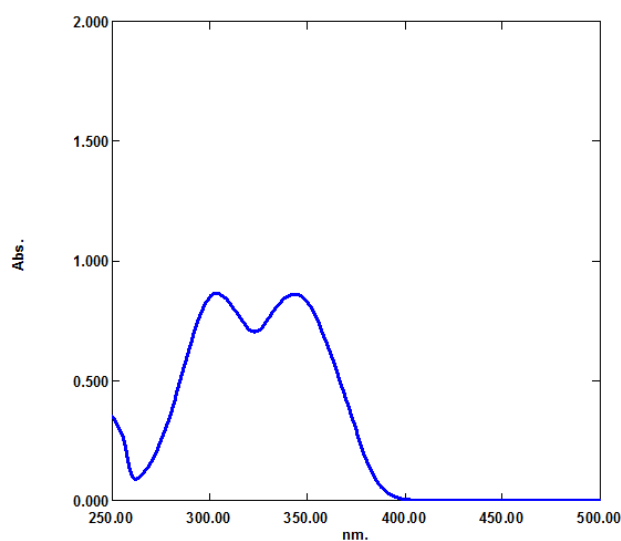
Xylene : 44

MEK : 23

Water : < 0.01

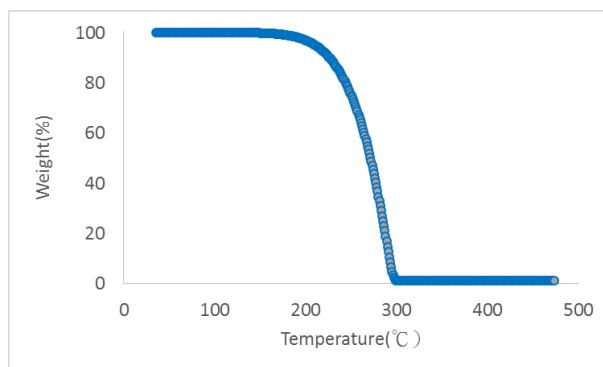
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UV-Vis. Spectrum  $\lambda_{\text{max.}}=303\text{nm} \ \& \ 343\text{nm}$  (20ppm in THF)



#### TGA scans

5% weight loss: 225°C (Ramp: 10.0°C/min to 800°C)



#### Advantages

Readily soluble in a wide range of organic solvents.

Minimal color contribution.

Low interaction with metals.

Excellent compatibility with variety of polymers.

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#### Recommendation

Eversorb® 74 particularly recommended for coatings, polyolefines, polyurethanes, PVC, polyacrylate, epoxy, adhesives, and elastomers.

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#### Handling & Safety

Personal equipment for protection is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.

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## Storage Conditions

Eversorb<sup>®</sup> 74 should be kept in a dry, dark place without any light exposure.

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The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose. Seller makes no representation or warranty to express or implied including of merchantability or fitness for particular purpose.

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