

SPECIALTY CHEMICALS

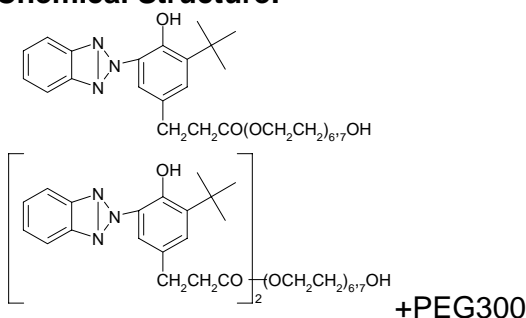
EVERSORB 80

Benzotriazole type UV absorber for coatings applications

Introduction:

EVERSORB 80 is a liquid high performance UV absorber with very high thermal stability, the product is miscible with all common solvents but also easily incorporated into water borne systems.

EVERSORB 80 is particularly recommended for industrial, automotive, wood, plastics and urethane coatings.

Chemical Structure:**Chemical Name:**

α -[3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]- ω -hydroxypoly(oxo-1,2-ethanediyl);
 α -[3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]- ω -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]poly(oxy-1,2-ethanediyl);
 Polyethyleneglycol 300

CAS NO.:

104810-48-2 ; 104810-47-1 ; 25322-68-3

Appearance:

Yellow to light brown liquid

Dynamic Viscosity at 20°C :

7300-8000 mPa.s

Density at 20°C :

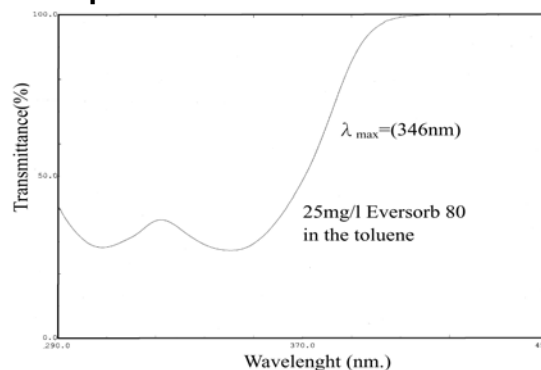
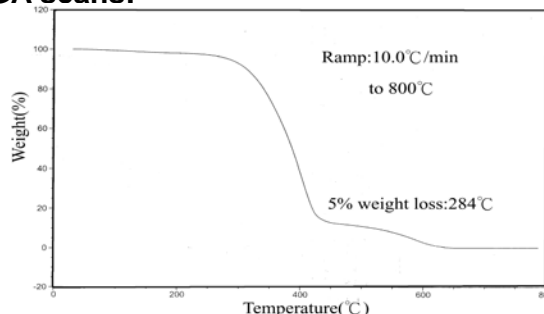
1.17 g/cm³

Advantages

- Readily soluble in a wide range of polar and non-polar organic solvents.
- Easily emulsified in water.

Solubility at 25°C (g/100g solvent)

Butylcarbitol : >50
 Butyl acetate : >50
 Xylene : >50
 1-Methoxy-2-propylacetate : >50
 MEK : >50
 Water : < 0.1

UV-Vis Spectrum**TGA scans:****Handling & Safety:**

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

Storage:

EVERSORB 80 should be kept in a dry, dark place without any light exposure.



Everlight Chemical Industrial Corporation

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