

Eversorb[®] 95

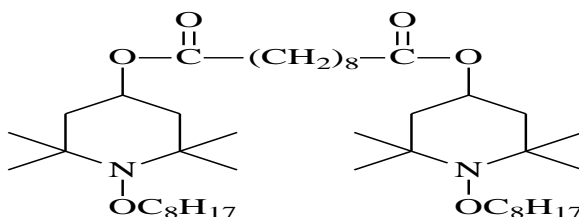
Liquid type hindered amine NOR light stabilizer

Introduction Eversorb[®] 95 is a liquid type hindered amine light stabilizer (HALS). Its low basicity prevents possible interactions with acidic paint such as catalysts. It is widely used to improve the weathering of polymers.

Eversorb[®] 95 is particularly recommended for automotive coatings, industrial coatings, wood paints and radiation curable coatings.

Chemical Name Decanedioic acid, bis(2,2,6,6-tetramethyl-1-(octyloxy)-4-piperidinyl)ester, reaction products with 1,1-dimethylethylhydroperoxide and octane

Chemical Structure



(CAS number) 129757-67-1

Molecular Weight 737 g/mol

Physical Properties

- Appearance
Slightly yellowish liquid
- Solubility at 25°C (g/100g solvent)
 - Butylcarbitol : >50
 - Butyl acetate : >50
 - Xylene : >50
 - 1-Methoxy-2-propylacetate : >50
 - MEK : >50
 - Water : < 0.1
- Viscosity at 20°C : 2700-3300 cps
40°C : 550-650 cps
- Density at 20°C: 0.97

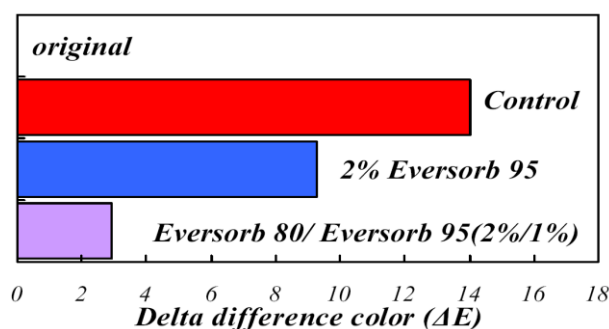
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Advantages

- Low basicity.
- Provide no effect on initial color of substrates.
- Good solubility in most industrial solvents.
- Provide high synergistic effect with UV absorbers.

Experiments

Resin : Nitrocellulose(NC)
Model: Q-U-V Accelerated Weathering Tester
Test Model: ASTM G154-2(QUV with UVB-313 light bulb)
Test Time: 1000 hours
Dry Method: Drying 6 hours at room temperature



Handling & Safety

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

Storage Conditions

Eversorb[®] 95 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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