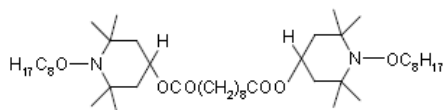


Tinuvin® 123 & Tinuvin 5100

Hindered amine light stabilizer (HALS) for acid catalyzed Automotive, Industrial and Wood coatings

Application:

- **Tinuvin 123 and 5100** are HALS for acid catalyzed solvent-based Automotive (Refinish & OEM) clear coats as well as solvent-based Industrial coatings (pigmented monocoats or clear coats. Not to be used in polar sb systems (risk of exudation) such epoxy / carboxy or polyol / PES / NCO – systems or UV curable systems
- Exterior clear coat applications need combination of **Tinuvin 123** with a UV absorber of the hydroxy-phenyl-benzotriazole or hydroxy-phenyl-triazine class
- The dose level of HALS is largely independent of the film thickness



Without HALS: cracking



With HALS: surface protection

Tinuvin 123



Performance Highlights:

- Liquid, solvent free
- Low basicity
- Protects against surface defects such as cracking or loss of gloss
- High thermal stability
- Miscible (> 50%) with most commonly used solvents
- For less color sensitive application use **Tinuvin 5100**

Characteristic Values:

	Tinuvin 123	Tinuvin 5100
Appearance:	Light yellow viscous liquid	Yellow to amber liquid
Density at 20°C [g/cm ³]:	0.96 – 1.00	0.96 – 1.00
Viscosity at 20 °C [mPa·s]:	6.300	~ 8.600
Flash Point [°C]	95 – 125	138 – 142

Tinuvin 5100

