



JADEWIN

■ POLYMER ADDITIVES

**QINGDAO JADE NEW MATERIAL
TECHNOLOGY CO.,LTD**

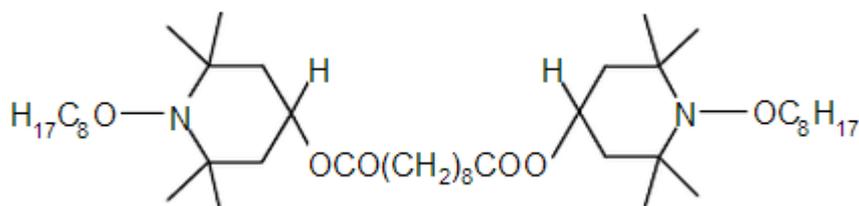
青岛杰得佳新材料科技有限公司

JADEWIN LS 123

Hinder Amine Light Stabilizer

CHEMICAL COMPONENT

COMPONENT	Bis-(1-octyloxy-2,2,6,6-tetramethyl-4-piperidiny) sebacate
CAS	129757-67-1
Molecular	C ₄₄ H ₈₄ N ₂ O ₆
M.W	737



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		LIGHT YELLOW LIQUID
ASSAY	%	99.00MIN
VOLATILES	%	5.0MAX
ASH	%	0.10MAX
TRANSMITTANCE		
450nm	%	≤96.00
500nm	%	≤98.00

FEATURE AND APPLICATION

*JADEWIN LS 123 has been developed especially for high solids, acid catalyzed automotive and industrial coatings, i.e. two coat metallic thermosetting acrylate systems or one coat opaque thermosetting acrylate and polyester coatings.

*JADEWIN LS 123 is recommended for applications such as: automotive and industrial coatings • decorative paints and wood stains or varnishes.

Its high efficiency has been demonstrated in a variety of other binders and applications such as:

- alkyd/acrylic air drying automotive refinish paints
- alkyd oxidative drying paints and varnishes



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- two pack non-isocyanate coating technologies

*The liquid form of JADEWIN LS 123 also enables easy emulsification into water-borne systems.

*The performance of JADEWIN LS 123 can be significantly improved when used in combination with a UV absorber.

In Automotive coatings, combinations of JADEWIN LS 123 with the UV absorbers JADEWIN1130, JADEWIN UV 928, or JADEWIN UV 400 will significantly improve the weathering resistance and provide superior protection against gloss reduction, cracking, color change, blistering and delamination.

The light stabilizers may be added in two coat applications to both the base and the clear coat. In Wood Coatings, combinations of JADEWIN LS 123 with the UV absorbers. JADEWIN UV 384 or JADEWIN UV 1130 have been found highly effective in air drying alkyd based formulations.

The light stabilizer blends can be added to film forming finishes as well as decorative penetrating stains. The amount of JADEWIN LS 123 required for optimum performance should be determined in trials covering a concentration range.

PACKING

25KG Drum, 600KG /Pallet

STORAGE

Keep container tightly closed and dry and storage in cool place

CHEMICAL INVENTORIES

Australia - AICS

Canada - DSL

EU - EINECS

China - IECSC

Japan - ENCS

New Zealand - NZIoC

Korea - ECL

USA - TSCA

Philippines - PICCS