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Trade registration nr. 50769421 Chamber of Commerce Amsterdam

Technical Data Sheet

Product name:	UV-B75
Product Form:	Slightly yellow liquid, clear
Chemical name:	Preparation AO-1135 (20%)+UV-571(40%)+UV-765(40%)
Synonym:	Tinuvin@B75
CAS No:	Preparation
EINECS No:	Preparation
Chemical formula:	Preparation
Characterization:	UV-B75 - a liquid heat and light stabilizer system - is a synergistic blend of AO-1135, UV-571, and UV-765.
Application:	UV-B75 is used in polyurethanes such as Reaction Injection Molding (RIM) polyurethane and thermoplastic polyurethane (TPU). The blend can also be used in sealant and adhesive applications, in polyurethane coating on tarpaulin and flooring as well as in synthetic leather.
Feature:	<p>UV-B75 prevents the processing, light and weather induced degradation of polyurethane products such as shoe soles, instrument and door panels, steering wheels, window encapsulations, head and arm rests.</p> <p>UV-B75 can be easily added to aromatic or aliphatic polyurethane systems for thermoplastic moldings, semi-rigid integral foams, in-mold skinning, dope applications. It can be used with natural and pigmented materials. UV-B75 is particularly suitable for preparing light stable color pastes for the above-mentioned systems.</p> <p>UV-B75 is an easy product to pump, pourable liquid allowing dust free handling, automatic dosage and shortening of mixing time. It allows to gain productivity in reducing weighing or metering to one single operation. Being an all liquid package no sedimentation of additives in the polyol phase occurs even at low temperatures. Additionally, UV-B75 has proven to be resistant to exudation/crystallization in many tested PUR systems.</p>
Use:	<p>The use levels of UV-B75 range between 0.2% and 1.5%, depending on the substrate and performance requirements of the final application.</p> <p>In reactive two-component integral foams, the concentration levels for UV-B75 range between 0.6% and 1.5%. In adhesives, the concentration levels for UV-B75 range typically between 0.5% and 1.0%. In sealant applications, the use levels of UV-</p>

B75 range between 0.2% and 0.5%. Extensive performance data of UV-B75 in various substrates and applications are available upon request.

Chemical Specification

Appearance	Light yellow liquid
Transmittance(%)	
@460NM:	95.0 MIN
@500NM:	97.0 MIN
Active component (HPLC) (%):	99.0 min.
Volatiles (%):	0.5 max.
Ash (%):	0.1 max.

Physical properties:

Boiling Point	> 200 °C
Flashpoint	> 90 °C
Density (20 °C)	0.95 - 1.0 g/cm ³
Solubility (20°C) % w/w	
Water	< 0.01
Acetone	> 50
Benzene	> 50
Chloroform	> 50
1,1-Dichloromethane	> 50
Ethyl acetate	> 50

Packing: in 25kgs net drums, 24drums(600kgs net) on pallet