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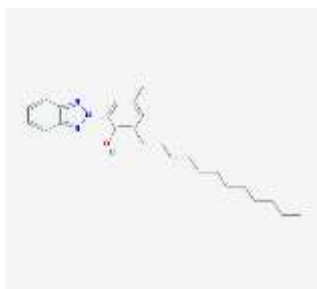
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Trade registration nr. 50769421 Chamber of Commerce Amsterdam

## Technical Data Sheet

<b>Product name:</b>	UV-571
<b>Product Form:</b>	Liquid
<b>Chemical name:</b>	Reaction mass of: isomers of 2-(2H-benzotriazole-2-yl)-4-methyl-(n)-dodecylphenol isomers of 2-(2H-benzotriazole-2-yl)-4-methyl-(n)-tetracosylphenol isomers of 2-(2H-benzotriazole-2-yl)-4-methyl-5,6-didodecylphenol n=5 or 6
<b>Synonym:</b>	Tinuvin 571, Tinuvin 171
<b>CAS No:</b>	125304-04-3/23328-53-2/104487-30-1
<b>EINECS No:</b>	401-680-5
<b>Molecular formula:</b>	C <sub>25</sub> H <sub>35</sub> N <sub>3</sub> O
<b>Molecular weight:</b>	393.57
<b>IUPAC name:</b>	Reaction mass of: isomers of 2-(2H-benzotriazole-2-yl)-4-methyl-(n)-dodecylphenol isomers of 2-(2H-benzotriazole-2-yl)-4-methyl-(n)-tetracosylphenol isomers of 2-(2H-benzotriazole-2-yl)-4-methyl-5,6-didodecylphenol n=5 or 6

### Structure formula:



### Chemical Specification

Appearance:	Light amber viscous liquid
Melting point (°C):	-56.0
Active component (%):	99.0 min.
Loss on drying (%):	0.5 max.
Ash content (%):	0.1 max.
Transmittance:	
460 nm (%):	95.0 min.
500 nm (%):	97.0 min.

### Properties and application:

The liquid UV-571 is highly soluble in many solvents, monomers or intermediates and easily emulsifiable in water-based adhesives. It can be considered for use during polymerization as well as for topical application on PVC sheets. UV-571 features high compatibility in various substrates and low volatility, UV-571 can be applied in thermoplastic PUR, coating and integral foams, rigid and plasticized PVC, PVB, PMMA, PVDC, EVOH, EVA, hot cured unsaturated polyesters and spin finishes for PA, PET, PUR and PP fibers. The product is also suitable for lattices, waxes, adhesives, styrene homo- and copolymers, elastomers and polyolefins.

**Guide for uses:**

Recommended concentrations:

PUR:	0.2-0.5%
PVC:	0.3-0.5%
Co-extruded PVC:	1.0-5.0%
Adhesive:	0.5-1.0%

**Solubility** (20°C: g/100g solvent):

Water:	<0.01
Ethanol:	12.0
n-hexane:	>50.0
Ethyl acetate:	>50.0
Toluene:	>50.0

**Safety and Handling:**

UV-571 should be handled in accordance with good industrial practice. Detailed information is provided in the MSDS.

**Storage:**

Stored in a closed system and be kept in a dry and dark place without any light exposure.

**Packaging:**

25/20kgs or 200kgs plastic drum.