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Trade registration nr. 50769421 Chamber of Commerce Amsterdam

Technical Data Sheet

Product name: UV-3434C
Product Form: Liquid
Chemical name: Blend of D,L-alpha-tocopherol, tris(nonylphenyl)phosphate, 2-ethylhexyl-4-methoxycinnamate and sterically hindered amine
Synonym: Tinuvin® 3434C
CAS No: Blend
EINECS No: Blend
Molecular formula:
Molecular weight:
IUPAC name:

Chemical Specification

Appearance:	Viscous amber liquid
Effective components:	99% min.
Transmittance:	
460 nm	96% min.
500 nm	98% min.
Volatile matter:	0.3% max.
Insoluble matter:	0.1% max.

Packing:

In Drum or as required

Product description

UV- 3434C is a liquid blend of antioxidant, UV absorber and sterically hindered amine.

Physical property

Appearance:	Pale yellow, low-viscosity liquid
Content of active substance	99% min.
Density at 25 °C	1.01 g/cm ³
Refractive index	1.529 ± 0.005
Gardner colour value	2 max.
Boiling point	>150 °C
Flash point	>150 °C
Miscibility with solvents (1:1)	
Acetone	miscible
Chloroform	miscible
Ethanol (96 %)	miscible
Ethyl acetate	miscible

Hexane	miscible
Isopropanol (99 %)	miscible
Methanol	miscible
Methyl ethyl ketone	miscible
Methyl isobutyl ketone	miscible
Polyols	miscible
Tetrahydrofuran	miscible
Toluene	miscible
Water	immiscible

Application

UV-3434C is intended for stabilizing two-component polyurethane foam systems. Typical applications are shoe soles and automotive window encapsulation.

Addition rate:

1– 2% with respect to the polyol component.

The optimum addition rate should be determined in trials with the intended formulation

Storage

The product has a shelf life of two years in the original, unopened containers at room temperature. Reseal container tightly after use.

Safety

Hunan knows of no ill effects that could have resulted from using UV-3434C for its intended purpose in accordance with sound manufacturing practice.

According to the experience we have gained over many years and other information at our disposal, UV- 3434C is not harmful to health, provided that it is used properly, due attention is given to the precautions necessary for handling chemicals, and the information and advice given in our Safety Data Sheets are observed.

Importance

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.