

Hostavin 3055 liq

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Language:

English



Product Data Sheet - Coatings

Pigments & Additives Division

Hostavin 3055 liq

Edition 05.07.2011

HALS

Product-No.: 103417 CAS-No.: [79720-19-7] Version: 5

Product Description

Hostavin 3055 liquid is a low-molecular radical scavenger of the type hindered amine light stabilizer (HALS) for solventless and solventborne paints. On principle, it is also suitable in waterborne coatings. Hostavin 3055 liquid is characterized by its excellent solubility, broad compatibility, low volatility and good stabilization efficiency. It can either be added to the ready-to-use paint or incorporated during the paint production. However, as all UV stabilizers, it ought not to be added to the mill-base. Depending on the requested stabilization effect, the addition rate should be in the range of 1.0 to 3.0 %. All concentrations relate to active UV stabilizer on solid resin. Pre-trials, covering various concentrations, are highly recommended. As a non-substituted HALS, Hostavin 3055 liquid is slightly basic and because of this can have an influence on the crosslinking of binders. In such a case, the alternative use of Hostavin 3058 liquid is recommended. Since HALS is highly recommended for all outdoor durable coatings, the need for an additional UV absorber strictly depends on the UV transmittance of the final coating. Inorganically pigmented coatings with good hiding power do usually not require an additional UV absorber, clear coats certainly do.

Delivery Specification and Technical Data

Characteristics	Unit	Target Value	Test Method
Appearance		Clear, medium viscous, slightly yellowish liquid	QM-AA-634
GC Content Area	%	min. 91	QM-AA-930
Transmission	%		QM-AA-120
	426 nm	min. 90	
	450 nm	min. 90	
	500 nm	min. 90	
Gardner Color Number		max. 6	ISO 4630

Delivery Form

Liquid

Main Applications

Coating Uses:

OEM
Car refinsh
Coil coating
Plastic coating
Industrial Coating
Wood coating

Packaging

Pallet 300 kg (6 drums)
Steel drums 50 kg

Binder Systems:

2K-PU-acrylic or polyester
1K-PU-acrylic or polyester
acryl-MF and polyester-MF stoving enamel, low to medium solid alkyd resins

Storage

For best shelf life store this product at room temperature in well-aired locations.
Minimum shelf life is 5 years from the date of shipping when properly stored, in its original sealed containers.

Status under Food Legislation

Cannot be used in direct food contact application. The product fulfils the requirements of EU-Directive 94/62/EC and the CONEG legislation that means, the cumulative content of Cd, Pb, Hg and Cr (VI) does not exceed 100ppm.

Hazards

Labelling in accordance with GefStoffV/EC. Hazard warning labelling compulsory with:
symbol corrosive (C)
symbol harmful to environment (N)

Ecological and Toxicological Properties

Remarks : Ecological data are not available.; Acute oral toxicity : LD50 2.000 mg/kg (rat) ; irritant effect on skin : strongly corrosive (rabbit) ; irritant effect on eyes : extremely irritant (rabbit). Remarks : the substance may be absorbed through the skin.

R35

R50/53 (very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment)

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