DOG Deutsche Oelfabrik



Name Deolink Amino PH-40

Description activator for filler / coupling agent

Active substance3-Aminopropyltriethoxysilane, 40 %, hydrolysed, alcoholic solution

Appearance colourless to light yellow, clear liquid

Analytical values

Refractive index at 20 °C DIN 51423-2 1.393 - 1.400 Density at 25°C (g/cm³) DIN EN ISO 3838 0.86 - 0.88

Dosage (%) 0.5 - 1.5

German Food Legislation (BfR recommendation LII for filler additives in polymers)

approved, max. 0.5 % silane, related to filler

min. 1 year

Supply Form 25 kg in steel-pail, 200 kg in steel-drum

Storage Stability

In original sealed package in cool and dry places

Classification and Labelling

Deolink Animo PH-40 is labelled as "Eye Irrit. 2" "Flam. Liq. 2" and "STOT SE 3" according to EC directives. For more detailed information, please refer to our Material Safety Data Sheet.

Behaviour and Effects

Since the silane is included in its hydrolysed form, it is specially suitable for surface treatment in primer systems or for pretreatment of fillers. Hydrolysed aminosilane can also be advantageous in waterbased coatings.

Application

The amino-functional coupling agent Deolink Animo PH-40 is used in numerous applications, like coatings, sealings and compounds, to improve adhesion of organic polymers to fillers and other inorganic substrates.

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