Name: Deolink DiAmino TM-100
Description: activator for filler
Active substance: N-(Aminoethyl-)-aminopropyl-trimethoxysilane
Appearance: colourless to yellow, clear liquid

Analytical values
- Content [%]: DIN 53174, min. 97
- Density at 25 °C [g/cm³]: DIN ISO 787 part 10, 1.00 - 1.04

Dosage
- Related to total compound [%]: 0.5 - 1.5

German Food Legislation
- (BfR recommendation LII for filler additives in polymers): approved
  - max. 0.5 % silane, related to filler

Code of Federal Regulations
- FDA 21 CFR 175.105 US: listed
- FDA 21 CFR 177.1390 US: listed

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

Storage Stability
- In original sealed package in cool and dry places, min. 24 months

Classification and Labelling
- For detailed information, please refer to our Material Safety Data Sheet.

Behaviour and Effects
- The primary amine-group of Deolink DiAmino TM-100 can react with various polymers and improves their modulus and elasticity.
- The trimethoxy-silyl-group of Deolink DiAmino TM-100 reacts with the hydroxyl-groups of various substrates and improves the adhesion by linking to the polymer.

Application
- Deolink DiAmino TM-100 is a bifunctional bonding agent, which can be used in various applications to improve the bonding between the inorganic substrate or filler to the organic polymer.