Technical Data Sheet



Silane LS-D312

Description:

Chemical Name: 1,2-Bis(trimethoxysilyl)ethane Synonyms: 3,3,6,6-Tetramethoxy-2,7-dioxa-3,6-disilaoctane Equivalents: Molecular Formula: C₈H₂₂O₆Si₂ CAS Molecular Weight: 270.43 EINI Chemical Structure:

CAS NO.: 18406-41-2 EINECS NO.: 242-285-6

si,₀

Typical Technical Properties: Appearance: Colorless transparent liquid Refractive Index (25°C): 1.4060 ± 0.0050 Purity(%): 97min

Flash Point: 109 °C Boiling Point: 103 °C Density(25°C, g/cm³): 1.066±0.005

Applications:

D312 can be used in environmentally friendly, phosphorus-free, and heavy metal-free surface treatment solutions, replacing traditional phosphating and passivation processes.

D312 can be used as a crosslinking agent in adhesives and sealants, providing moisture-curing functionality and enhancing adhesion to substrates.

Package & Storage:

In 25kg pail, 200kg drum, 1000kg IBC.

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep away from acid and alkali. Keep in unopened containers.

Storage beyond the shelf life does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

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