

Silane USi-81301

Phenyl-amino functional alkoxy silane

Product Description

Chemical Name:

N-phenyl-3-aminopropyltrimethoxysilane

Synonyms:

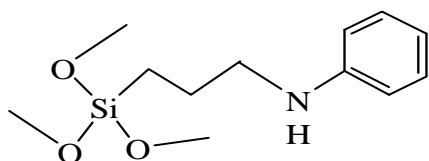
N-[3-(Trimethoxysilyl)propyl]aniline;

3-Anilinopropyltrimethoxysilane

CAS NO.: 3068-76-6

EINECS NO: 221-328-2

Chemical structure:



Typical Technical Data

The below values are not intended for use in preparing specifications. Please confirm with us prior to writing specifications on this product.

Appearance: Colorless transparent liquid

Colour(Pt-Co): 25 max

Specific Gravity ($\rho_{20^{\circ}\text{C},\text{g}/\text{cm}^3}$): 1.07

Refractive Index ($n_D^{25^{\circ}\text{C}}$): 1.506

Purity (by GC, %): 85.0 min

Properties

Silane USi-81301, N-phenyl-3-amino propyltrimethoxy is significantly improves adhesion between inorganic surfaces and polymers that react with a secondary amine. Evaluation is recommended for such polymers as urethanes, epoxies, acrylates and phenolics that must adhere to inorganic substrates; such as glass, metals, fiberglass and particulate fillers.

Silane USi-81301's applications include adhesives and sealants, coatings, glass fiber sizes and finishes, primers and foundry sand binders.

Applications

Silane USi-81301 is used as additive in applications as follow:

- As a versatile adhesion promoter particularly for resin systems that will react with a secondary amino group:
Such as isocyanates, acrylates, epoxies, phenolics and RTV silicones
- This silane is especially useful when the resulting material must withstand higher temperatures.

Safety & Storage

Customers should review the latest MSDS and label for product safety information, safe handling instructions, personal protective equipment if necessary, and any special storage conditions required for safety. MSDS is available at www.usi-chemical.com or upon request.

Keep away from heat and open flame.
When stored at normal temperature in the original unopened containers, this product has a usable life of 12 months from the date of production.

Packaging

In 25kg pail, 200kg drum

Contact Information

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