

Silane USi- 7311

Chloride functional organosilane

Product Description

Chemical Name:

3-Chloropropylmethyldimethoxysilane

Synonyms:

Methyldimethoxy(3-chloropropyl)silane

(3-Chloropropyl)dimethoxymethylsilane;

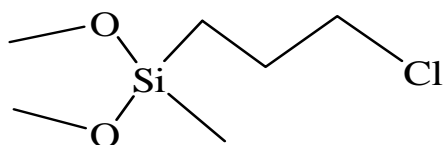
(3-Chloropropyl)methyldimethoxysilane

CAS NO.: 18171-19-2

EINECS No.: 242-056-0

Molecular weight: 182.72

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

Specific Gravity ($\rho_{20^{\circ}\text{C}}$, g/cm³): 1.014~1.024

Refractive Index ($n_D^{25^{\circ}\text{C}}$): 1.4200~1.4300

Purity (by GC, %): 98.0 min

Applications

Silane USi-7311 is an essential alkyl silane in the below industry:

- This product can be used as intermediate to produce many kinds of coupling agents and silicone oil.
- In the rubber industry, the strength of polyurethane elastomer can be enhanced by inducing polarized chloro propyl group from this product. It is also applicable to synthesize vulcanized rubber with low penetrativity, low rolling resistance and high elasticity & elongation rate.
- In the plastic industry, it can be used to restrain the dialysis of PVC plasticizer, keep the plastic clean, as absorbent for polyurethane foam to improve its climate adaptability.
- In the textile industry, fabric can be softened and more elasticized by an agent from this product.
- In the printing industry, it can be made into electric toner used in xerography and image display.

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 or below 35 °C in the original unopened containers, this product has a usable life of 12 months from the date of production.

Packaging

In 25L pail, 200L drum and 1000L IBC

Contact Information

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