

SilaneUSi-P311

Piperazinyl functional alkoxy silane

Product Description

Chemical Name:

γ -Piperazinylpropylmethyldimethoxysilane

Synonym:

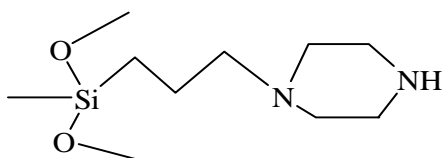
Methyldimethoxysilylpropylpiperazine;

Piperazinepropylmethyldimethoxysilane

CAS NO.: N/A

Molecular weight: 232

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 ($\rho_{20^{\circ}\text{C}, \text{g/cm}^3}$): 0.920~0.960

Refractive Index ($n_D^{25^{\circ}\text{C}}$): 1.4400 ~1.4440

Free Amine (%): 0.50 max

Purity (by GC, %): 95.0 min

Applications

SilaneUSi-P311 is used as additive in applications as follow:

- USi-P311 is mainly for the production of piperazine modified silicone oil and emulsion. To use this modified amino silicone oil in the finishing of high-grade fabrics, such as cotton, wool and blended fabrics, and light-colored fabrics can inhibit the yellowing and make the fabric soft best.
- The advantages of the modified silicone oil compared with the traditional one: softness, increased smoothness; greatly reduced yellowing fabric; excellent hydrophilicity of the finished fabric; good stability and compatibility with anionic fluorescent agent and resins; easily changing dye after the softening and

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 20kg pail, 180kg drum

Contact Information

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