

Silane USi-6222

Product Description

Chemical Name: Dimethyldiethoxysilane

Synonym: Diethoxydimethylsilane

CAS NO.: 78-62-6

EINECS NO.: 201-627-6

Molecular weight: 148.28

Chemical structure:



Properties

USi-6222 is miscible in most organic solvents.

Decomposition in case of water, distillation is not easy to decompose under normal pressure.

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

Purity: $\geq 97\%$

Boiling point ($^{\circ}\text{C}$): 114°C

Flash point ($^{\circ}\text{C}$): 11°C

Density(g/cm^3): 0.865

Refractive index ($n_D^{25^{\circ}\text{C}}$): 1.3805-1.3825

Applications

1. USi-6222 is used as a structure control agent in the preparation of silicone rubber, a chain extender in the synthesis of silicone products and a raw material for the synthesis of silicone oil.
2. USi-6222 is an important raw material for producing silicone resin, phenyl methyl silicone oil and waterproofing agent. At the same time, it is easily hydrolyzed and can form alkali metal silicon alkoxide with alkali metal hydroxide.
3. USi-6222 can be used as a crosslinking agent for silicone rubber vulcanized at room temperature.

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.

Store in a cool, dry, well-ventilated warehouse. Keep away from fire and heat. The storage temperature should not exceed 37 °C. The packaging must be sealed and not damp. It should be stored separately from oxidants, acids, etc. Avoid mixed storage. It should not be stored in large quantities or for a long time. Use explosion-proof lighting and ventilation facilities. It is forbidden to use mechanical equipment and tools that easily generate sparks. The storage area should be equipped with leakage emergency treatment equipment and suitable containment materials

Packaging

In 25kg/180kg package.

Contact Information

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