



## Silazane LS-611

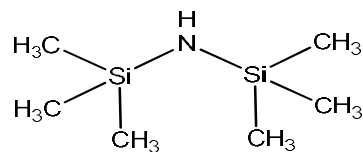
### Description:

Chemical Name: Hexamethyldisilazane

Synonyms: 1,1,1,3,3,3-Hexamethyldisilazane; HMDS

Equivalents: Dynasylan HMDS

Molecular Structure:



Molecular Formula: C<sub>6</sub>H<sub>19</sub>NSi<sub>2</sub>

Molecular Weight: 161.39

CAS NO.: 999-97-3

EINECS NO.: 213-668-5

### Typical Technical Properties:

Appearance: Colorless transparent liquid

Purity (%): 99.0min (industrial grade)

99.9min (electronic grade)

Flash Point: 27°C

Refractive Index (25°C): 1.406~1.410

Density (25°C, g/cm<sup>3</sup>): 0.770~0.780

### Applications:

1. Group protection reagents, solvents, activists, etc. in organic synthesis;
2. Structural control agent in silicon rubber products;
3. Chip cleaning agent in the electronic industry, lithography adhesive, silicon nitride film CVD sedimentary front drive;
4. Lithium battery electrolyte additive;
5. Surface treatment of inorganic fillers and hydrophobic treatment of other materials.

### Package & Storage:

In 150kg, 750kg IBC

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep in unopened containers, shelf life is 12 months from the date of production.

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.