

## Technical Data Sheet

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### CFS-023, 1,3-Divinyl-1,1,3,3-Tetramethoxydisilazane

CFS-023, 1,3-Divinyl-1,1,3,3-Tetramethoxydisilazane is an important vinyl silazane with high activity. It performs better than CFS-973, Hexamethyldisilazane in filler modification.

#### Typical Properties:

|               |   |
|---------------|---|
| Chemical Name | 1,3-Divinyl-1,1,3,3-Tetramethoxydisilazane      |
| Synonyms      | Tetramethyldivinylsilazane; DVTMDZ              |
| Cas No        | 7691-02-3                                       |
| Formula       | C <sub>8</sub> H <sub>19</sub> NSi <sub>2</sub> |
| Color         | Colorless                                       |
| Appearance    | Clear liquid                                    |
| Purity        | min 96%   |

#### Applications:

CFS-023 is mainly used for the modification and dispersion of fumed silica. The silica treated with CFS-023 can significantly improve the tear strength and hardness of silicone products.

CFS-023 can be used for the preparation of vinyl silicone resins and silicone rubbers.

CFS-023 can be used as an important pharmaceutical intermediate and pesticide intermediate.

CFS-023 can be used as a coating additive or surface treatment agent of ceramics, glass and other inorganic materials.

CFS-023 can be used as an adhesion promoter for negative photoresist.

#### Packaging:

CFS-023 is offered in 2L steel cans, 25L steel pails and 200L PVF steel drums.

Please contact Co-Formula team for any special packaging request.

#### Storage:

CFS-023 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-023 should be stored in its original containers and used up asap after opening.

When stored in a strictly sealed and unopened container, CFS-023 has a shelf life of 12 months.