

Technical Data Sheet

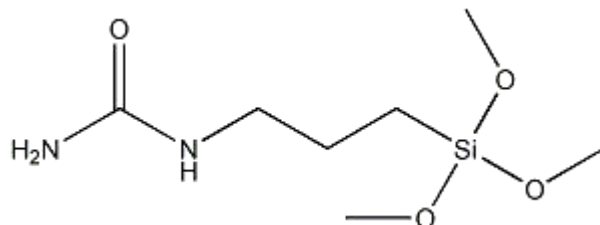
TDS NO.: KH-591

Revision Date: 24/04/2020



3-Ureidopropyltrimethoxysilane

Chemical Structure:



Typical Physical Properties

| | |
|--------------------|---|
| Product No.: | KH-591 |
| Chemical Name: | 3-Ureidopropyltrimethoxysilane |
| CAS No.: | 23843-64-3 |
| EINECS No.: | 245-904-8 |
| Molecular Formula: | C ₇ H ₁₈ N ₂ O ₄ Si |
| Molecular Weight: | 222.31 |
| Appearance: | Colorless transparent liquid |
| Density: (22.5℃) | 1.15g/ml |
| Purity: | ≥97.5% |

Application and Performance

3-Ureapropyltrimethoxysilane, as a metal surface rust inhibitor, has special effects. It can be used to treat metal surfaces such as gold, silver, copper, etc. to improve its corrosion resistance, oxidation resistance, and improve its high scores. Bonding performance. It is widely used in filled polymer materials, and can be applied to thermosetting and thermoplastic polymer materials, such as epoxy, urea, phenolsulfon, polyvinyl chloride, polystyrene, polystyrene, etc.

Safety

| | |
|---------------------|----------------|
| Risk Statements : | 37/38-41 |
| Safety Statements : | 26-36/37/39-39 |
| UN No.: | 1993 |
| Packing Group: | III |
| Hazard Statements: | H315-H318-H335 |
| TSCA | YES |
| HS Code : | 29319090 |

Packaging

950KG/IBC, 190KG/Drum