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TAI COUNTY

TQCSI ISO 9001:2015
Quality Certified
TA2474-QC

CMQ

Methyl Silicone Resin

2025/01/09 Draft. **PDS**

Description

CMQ-56 is a methyl silicone resin formed through the co-hydrolytic condensation reaction of an organic silicone compound containing tetravalent siloxane segments (SiO4/2, Q) and an organic silicone compound containing monovalent siloxane segments (R3SiO1/2, M), resulting in a three-dimensional spherical structure.
Additionally, unlike commercial products, this product does not contain toluene.

Characteristics

- Excellent heat resistance and low-temperature performance, usable in environments from -60°C to +300°C
- Weather resistance, aging resistance, and water repellency
- Better adhesion properties
- Outstanding insulating performance

Properties

Appearance	**Translucent liquid**
Active ingredient(%)	60.0%
Ionic type	**Nonionic**

Safety

This document does not contain the safety information required for the product. Please read the safety data sheet for this product before use.

Storage & packaging

When stored in its originally sealed packaging at 5°C - 40°C, this product may be stored for up to 8 months from its manufacturing date. Comply with the storage instructions marked on the packaging. Once past this expiration date, TAI COUNTY CHEMICAL no longer guarantees that the product meets the sales specifications.

Product comes in 120kg HDPE blue drums.

Applications

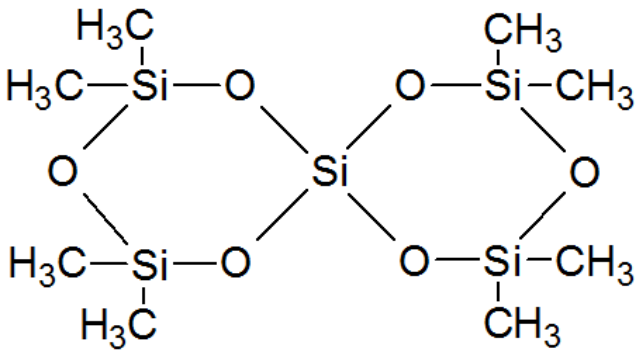
- Applicable in PU release agent industries
- Ideal for coating optical lenses, enhancing scratch resistance without affecting transparency
- Widely used in encapsulating and protecting electronic components
- Acts as an additive in coatings and adhesives to improve abrasion, chemical resistance, and high-temperature performance
- Used for sealing building joints, enhancing sealability and durability

Processing

- Usage Instructions

It is recommended to use CMQ-56 methyl silicone resin as is or dilute it with IPA (isopropanol) or methanol solvents according to your needs.

(Depending on the actual conditions, you can adjust the usage amount.)



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