

ESUNG ESL8113

RTV Adhesive / Sealant Technical Data Sheet

PRODUCTION DESCRIPTION

ESL8113 is Methyltrimethoxysilane (MTMS)

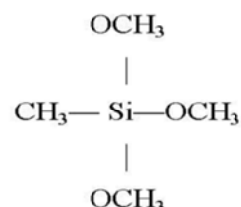
KEY PERFORMANCE PROPERTIES

- ◆ Since the product have SiOMe bond, they produce SiOH radical, when they are hydrolyzes, causing condensation with various functional groups.
- ◆ The products produce silicone resin film through hydrolysis

APPLICATIONS

- ◆ Materials for producing silicone resin film or for powder treatment
- ◆ It's mainly used in crosslinker, coupling agent for glassfiber, and is the raw material for producing silicone resin, coupling agent for glassfiber

CHEMICAL STRUTURE



TYPICAL PRODUCT DATA

Appearance	Colorless liquid
Boiling Point	120°C / 760mmHg
Refractive Index	1.3645 ~ 1.3655
Density,25°C,g/cm ³	0.930 ~ 0.970
Purity (%)	99.0 min

HANDLING AND SAFETY(STORAGE)

- ◆ Avoid direct sunlight and store the product at 0°C or above in a dark and cool area with little moisture.
- ◆ Wear eye protection and protective gloves while handling the product
- ◆ Since alkoxy silanes are hydrolyzed with air moisture, tightly seal the products before storage
- ◆ MTMS is possible to dissolve in alcohol, acetone and benzene, It can couple and produce

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methanol when meets water.

PACKAGING

- 20KG PAIL, 190KG DRUM