

SR 3910

Alkoxy RTV Silicone Sealant

**DAEHEUNG CHEMICAL**

SR 3910 is one component room temperature vulcanizing (RTV) silicone sealant. It is designed for excellent durability, weatherproof, thermal resistance and freezing resistance. Most materials can be used without primer. It can be used for bonding and fixing the electric components. There is no corrosion on copper and metals.

1. Uses

- Adhesion/ sealing/ protective sealing for the parts of electrical & electronic
- Protection of the parts of equipment in impact and vibration
- Adhesion for general materials such as metal, glass, plastic and etc.

2. Characteristics

- Non corrosive to most metals, including copper metal
- Easy workability : Non-solvent type, Non-odor type
- Excellent weather resistance
- It can be used for most of materials without primer

3. Physical properties

Properties	Value
Main component	Silicone polymer
Curing system	Moisture curing
Curing type	Alcohol
Appearance	Soft paste
Color	Gray, White, Black(Order made color)
Specific gravity	1.35~1.40
Skin over time	Max. 20min(at 23℃, 50%RH)
Full curing time	72hr(3mm / 23℃, 50%RH)
Hardness	25~35 (Shore A)
Tensile strength	Min 1.0 N/mm ² (ASTM D412)
Elongation	Min. 400%(ASTM D412)
Temperature resistance	-48℃~120℃
Shelf life	1 year in unbroken package under dry and cool condition(5~25℃)

4. How to use

- **Clean and dry**

Clean and remove oil, dust, impurities on surface

- **Sealing**

Cut cartridge tip and nozzle to desired bead size

Shave the surface of the sealant in same angle by the rubber knife or scoop.

- **Sealant cleaning**

The remainder of sealant must be removing to the solvent of the toluene.

5. Caution

- The cartridge should not be exposed to direct sunlight & shall be kept in a cool and dry place.
- Use with adequate ventilation and avoid prolonged breathing of vapors.
- Prolonged or repeated skin contact might cause irritation.
- In the event of eye contact wash thoroughly with water and consult a physician immediately.
- Don't use except for the original purpose.
- Don't use to mix with hot-melt.

6. Packaging

- 300ml cartridge
- 18L Pail CAN

Please contact us for further information or see Material Safety Data Sheet (MSDS) for this product.

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