

SR 911

Fire Retardant Silicone Sealant



DAEHEUNG CHEMICAL

SR 911 is one component, neutral curing silicone sealant with excellent fire stopping, durability, freezing resistance, heat resistance, soundproof. This product is used widely railway vehicle, nuclear power plant, airport, department store and hospital, etc.

1. Uses

- Sealing of railway vehicle interior & exterior.
- Sealing of joint in fire area (nuclear power plant, airport, department store and hospital, etc).
- Sealing of wiring, fire tube equipment and exhaust duct joint.
- Sealing of pipes and cables.

2. Characteristics

- Excellent fire stopping and hermetic seal.
- Easy to use as one-component.
- Excellent weather ability and hermetic seal.
- Excellent fire stopping, damp proof, soundproof and dustproof.
- Excellent adhesion. Most of the materials used without primer.

3. Physical properties

Properties	Value
Main component	Silicone polymer
Curing system	Moisture curing
Curing type	Oxime
Appearance	Soft paste
Color	Gray, Black, White(order made color)
Specific gravity	1.35~1.40
Skin over time	5min(23℃, 50% RH)
Full curing time	72hr(3mm / 23℃, 50% RH)
Hardness	40~50(Shore A)
Tensile strength	Min.1.5N/mm ² (ASTM D412)
Elongation	Min. 200%(ASTM D412)
Temperature resistance	-48℃~200℃
Shelf life	1year in unbroken package under dry and cool condition(5~25℃)

4. Certifications

- Smoke Density : ASTM E 662
- Toxicity Index : BS 6853 Annex B.2
- Surface Flammability of Materials Using a Radiant : ASTM E 162
- Toxic Gas Generation : Boeing BSS 7239

5. How to use

- **Clean and dry**

Clean and remove oil, dust, impurities on surface..

- **Masking tape**

Use masking tape to protect adjacent surfaces.

- **Back-Up material installation**

Back-up material is the polyethylene foam or polyurethane foam .

- **Primer**

Primer can be used only when it is necessary. It can also be used to increase, its supplementary of adhesive strength if a sealant can't get an adhesive strength.

- **Sealant caulking**

Apply positive pressure adequate to properly fill and seal the joint width.

- **Tooling**

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

- **Masking tape & Sealant cleaning**

When the tooling is over, just remove the masking tape.

Excess sealant should be cleaned from glass, metal, plastic surfaces while still uncured.

If it is cured, please use the knife.

6. 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.
- Don't use double-layer glass, fishbowl, professional SPEC.

7. Packaging

- 300ml cartridge

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

DAEHEUNG CHEMICAL CO., LTD.

430-8 Mogokdong, Pyongtaeksi, Gyeonggi-do, Korea

Telephone +82-2-554-8211, +82-31-663-5251

Facsimile +82-2-554-8215, +82-31-664-3361

Website www.dhcbond.com



DAEHEUNG CHEMICAL