

SS3101

Single-part Silicone Coating

SS3101 is a single-part transparent and room temperature curing silicone coating with excellent wide range temperature resistance in long-term elasticity and stability. This product is also formed to have better ultraviolet, aging resistance and environmental resistance. SS3101 can be applied for automotive, LED display, consumer electronics, electrical and communication equipment, etc.

FEATURE

- Wide operating temperature range.
- Good environmental resistance such as: ultraviolet, corona, leakage and chemical resistance.
- Stress resistance, aging resistance, insulation, moisture, seismic resistance.

TYPICAL UNCURED PROPERTIES

Properties	SS3101
Appearance	Liquid
Color	Transparent
Viscosity @ 25°C, cps	100 ~ 140
Solid Content, %	50

TYPICAL CURING PROPERTIES

Properties	SS3101
Through Cure Time @ 25°C, 55% R.H, 2.0 ~ 4.0 mm thickness, hrs	24
Through Cure Time @ 25°C, 55% R.H, 6.0 mm thickness, day	7

DIRECTION OF USE

1. This product should be applied to a dried and clean surface which is free of dirt, grease or mold release.
2. Unscrew the hose cap, squeeze the glue to the cleaned surface, and make the natural flow flat.
3. Put the sealed parts in the air, the adhesive reacts with the moisture in the air, from the surface to the internal curing. The unused glue should be tightened with the cap and stored.

TYPICAL CURED PROPERTIES

Properties	SS3101
Operating Temp. Range, °C	-40 ~ 150
Surface Resistivity, ohm	1.0 x 10 ¹⁴
Volume Resistivity, ohm.cm	1.0 x 10 ¹⁴
Dielectric Strength, kV/mm	18

PACKAGING, STORAGE AND SHELF LIFE

Packaging: 4.0 kg / barrel, 5.0 L / barrel, 2.6 L / barrel.

The container should be stored in cool and dark place. Replace the lid immediately after use. Keep without any possibility of wet when not using. Shelf life of this product is 6 months when stored below 14~34°C in original, unopened containers.

CAUTION

Some findings indicate a lack of potential for carcinogenicity with the compositions of this product by long term recurrent application to the skin. However, contact with skin is likely to produce mild transient reddening. It is important to remove adhesive from skin with soap and water thoroughly. DO NOT use solvents for cleaning hands. This resin is of moderate acute toxicity by swallowing. If swallowed, call a physician. Avoid contact with eyes. In case of contact, flush with water for at least 15 minutes and get medical attention immediately. For specific information on this product, consult the Material Safety Data Sheet.

The data contained in this bulletin is provided only as a guide for evaluation/consideration. These material characteristics are typical properties that are based on a limited number of samples tested in the laboratory. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any product or method. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide.