

TECHNICAL DATA SHEET

PRODUCT : "BULLDOG" GP 20-20 RTV SILICONE SEALANT - ACETOXY CURE CLEAR / WHITE / BLACK



PRODUCT DESCRIPTION

"Bulldog" GP 20-20 is a RTV Silicone Sealant (Acetoxy Cure) available in colours Clear / White / Black. It is a high quality General Purpose (GP) RTV Silicone which withstands temperature up to 200°C. It is an ideal sealant for sealing glass to most substrates, and is very versatile general purpose sealant for sealing minor cracks in construction, in bus body sealing, window glazing and all other general purpose sealing applications.

COMPOSITION

Prepolymer of Silicone Rubber, RTV Silicone Sealant cures at Room Temperature in the presence of atmospheric moisture to form high quality Silicone Rubber. Contains acetate groups which release acetic acid on curing.

APPLICATION AREAS

In window glazing, automotive side glass glazing, solar collectors and modules, bus and auto body sealing, roof sealing, sealing of minor cracks and gaps in construction and other general sealing applications in industries. Very useful where excellent resistance to atmospheric conditions viz. ozone, UV, water etc is required.

DIRECTIONS FOR USE

Fit the cartridge of GP 20-20 in an extruding gun and apply an even bead of material in the crack / gap to be sealed. Let it air dry. Full cure in 22 hours.

For window glazing apply an even bead of 3-4mm on the glass. Let the material air dry for 5 minutes and then attach to the frame of the glazing. Hold glass in position for 15 minutes. Full curing occurs in 22 hours.

CLEANUP

Removal from body and parts can be done in the uncured state with cotton waste dipped in toluene. Cured sealant can be cut with a sharp tool.

DISCLAIMER

The information contained herein is given in good faith, based on our tests & knowledge of the product; as a guide. The responsibility is of the user to verify its usability for any application. The company, The Standard Products Mfg. Co. Mumbai, disclaims all warranties expressed or implied and takes no responsibilities for any loss or damage arising from the use of its products.

For further information please contact :

The Standard Products Mfg. Co.

2/14, Marol Co-op. Indl. Estate, M. Vassanji Road,
Marol, Andheri (E), Mumbai - 400 059.
Customer Support : 2850 0970 / 2859 0668
E-mail : spmc59@gmail.com

PROPERTIES OF THE UNCURED MATERIAL

Chemical Nature	: RTV Silicone Sealant - Acetoxy Cure
Colour	: Clear / White / Black
Odour	: Strong smell of acetic acid on curing No solvent release
Relative Density	: 0.90- 0.95
Extrudability	: Easily extruded from tubes, cartridges / sausages Rate > 320 g/min
Sag / Slump	: None
Flammability	: Non - flammable
Shrinkage	: Negligible
Skin formation time	: 5-8 min
Full Cure time	: 24 hrs (Bead of 5mm/ 25°C /RH-50%)
Shelf Life	: 9 months in Plastic Cartridges

PROPERTIES OF THE CURED MATERIAL

Consistency	: Rubbery Solid
Hardness (shore A)	: 7 - 9
Elongation	: > 300%
Tensile Strength	: 150-200 pst / 15-20 kgs / cm ² 1.0 -1.5 MPa (N/mm ²)
Application Temp. Range	: 10°C to 50°C
Service Temp. Range	: 30°C to 200°C 250°C (intermittently)
Adhesive Properties	: Very good adhesion to metals, glass, ceramics, plastics and other construction materials.
Compatibility	: Extremely compatible with most normal engineering and construction material such as metals, glass, brick work, concrete etc.
Resistance to atmospheric conditions, ozone & UV	: Excellent
Durability / Life Expectancy	: 10 years under normal working conditions.
Paintability	: Cannot be painted upon
Removability	: Easily removed by cutting

SAFETY INSTRUCTION

1. Keep away from children.
2. Avoid excessive contact with body. Clean with plenty of water in case of eye contact.
3. Cannot be ingested. Lethal if ingested.
4. Do not induce vomiting, in case of ingestion. Consult a physician immediately.
5. Strong acetic acid smell on curing; Should be used in well ventilated spaces.