



RTV 922

HIGH PERFORMANCE INDUSTRIAL SILICONE SEALANT

Date: 10 April 2014

YOUR SMART ADVANTAGES

- One component, 100% silicone rubber
- The thixotropic nature of this product ensures that it will not slump, sag or run off surfaces
- Good resistance to weathering and moisture
- Good resistance to motor oils and some chemicals
- Excellent working temperature range: -50 to 235°C
- Adheres to a variety of substrates
- Meets the requirements of many industrial, mining and OEM applications

USES

- Industrial and mining maintenance
- Automotive maintenance
- Makes formed-in-place gaskets for gear boxes, compressors and pumps
- Sealing of trailers and truck cabs
- Sealing of gaskets in heating and refrigeration units
- Sealing of windows in oven doors (subject to temperature range of oven)
- Seals access doors on gas appliances
- Bonding and sealing appliance parts
- Makes formed-in-place gaskets for heavy industrial pipes and flanges
- Sealing of joints in sheet metal stacks and duct work
- Protecting components from moisture from frequent wash downs or weathering

PRODUCT CHARACTERISTICS

Colour	Black, white and translucent
Skin Time – BS 5889	6 minutes
Tack Free Time – ASTM C679	1.5 hours
Tooling Time – ASTM C679	8 minutes
Sag or slump – BS 5889	Nil
Product code – 300g cartridge/15 per carton	
Black	30804656
White	30804651
Translucent	30804659

TYPICAL PERFORMANCE DATA (approx.)

Shore "A" hardness – ASTM C661	20 to 25
Modulus at 100% elongation – ASTM D412	0.45MPa
Tensile strength - ASTM D412	1.8mPa
Elongation at rupture - ASTM D412	480%
Peel strength after UV through glass – BS 5889	62N/25mm
Dynamic movement capacity – ASTM C920	±25%
Accelerated ageing and weathering – ASTM C792	Excellent
Application temperature*	-10°C to 40°C
Service temperature*	-50 to 235°C

*Surface to be sealed must be dry and free from frost. The maximum service temperature listed is for transient temperatures. The silicone sealant will deteriorate if subjected to high temperatures on a continuous basis.

DIRECTIONS FOR USE

Silicones are not always compatible with plasticized sealants, bitumen and some backing rods. The incompatibility may cause discolouration, poor sealant cure or long term degradation of the sealant. Always carry out compatibility tests where contact with potentially incompatible materials may occur.

SURFACE PREPARATION

Always ensure that the surfaces to be sealed are dry and free from oil, dirt and grease. Use the two wipe cleaning process for impervious substrates. Ensure the cloths are clean and changed frequently. Use a suitable cleaner such as Isopropyl Alcohol. Masking areas to be sealed gives a neater finish.

APPLICATION

A primer may be required for some substrates, consult your supplier for more information. Cut the nozzle to the desired width, cut the tip off the cartridge and attach nozzle. Apply an even bead ensuring good contact between the sealant and the substrate. Immediately tool the bead to ensure a good finish and remove masking tape. This must be done before the product skins.

LIMITATIONS

Bostik RTV 922 is NOT suitable for the following applications:

- Totally confined spaces where there is no atmospheric humidity, which is needed for curing
- Adhering mirrors
- Laminated glass
- Reflective glass
- Under water applications
- Below grade applications
- Concrete, cement, masonry or stone
- Soft, thin metals such as galvanizing, Zinalume®, brass, copper and bronze
- Trafficable surfaces
- Where painting is required. If painting is required, the use of paintable Simson Sealants is recommended.
- Do not clean or treat the silicone with materials, cleaning agents or solvent that may affect or discolour the silicone, particularly while curing.

CLEANING

Remove excess silicone using a clean cloth or polyethylene scraper. Do not use Isopropyl Alcohol to clean around uncured sealant. Cured silicone can only be mechanically removed.

STORAGE AND SHELF LIFE

Store in a cool dry place below 25°C and out of direct sunlight. Shelf life is 12 months from the date of manufacture when stored as directed.

DISPOSAL

Empty containers may be disposed via local landfill. If spilt, absorb with clay, sand or earth. Collect and seal in properly labeled metal container. Dispose of according to local authority regulations. Do not dispose of down drains or into local waterways.

PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit www.bostik.co.nz for copies.

Bostik RTV 922 is not classified as Dangerous Goods or as a Hazardous Substance. The product however, should be used in accordance with good occupational, health and safety practices. May cause irritation if swallowed, moderately irritating to eyes, vapour may cause irritation during the cure stage (if vapour in high concentrations). It releases acetic acid until fully cured. Do not swallow and avoid prolonged or repeated contact with the skin. If contact with the eyes occurs, wash eyes with copious quantities of water and consult a doctor if irritation persists.

For emergency information contact the National Poisons Information Centre, phone 0800 764 766 (0800 POISON) or CHEMICALL, phone 0800 243 622.

BOSTIK HOTLINE

Smart help 0508 222 777



This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that cannot be excluded by legislation, for example under the Consumer Guarantees Act 1993. Sale of the product by Bostik is subject to the Bostik New Zealand Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.co.nz

Technical Advice

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