



SMART-BOND

Chemicals Pvt. Ltd

◉ AUTOMOBILE INDUSTRIES ◉ INDOOR DECORATION ◉ ACP CLADDING ◉ CONSTRUCTION ◉ METRO ◉ AQUARIUM



◉ ACRYLIC SEALANT ◉ ELECTRICAL & ELECTRONICS ◉ SOLAR





About Us

Smart-Bond Chemical Pvt. Limited formerly known as AAA Industries and is being operated by Experienced Engineers who are have having large & rich experience in Manufacturing, Sales, Marketing, Project and Supply chain management with large corporate. We are manufacturing all kinds of Silicone Sealants, Polyurethane Sealant, Industrial Filters, Self Adhesive Tapes, Masking Tape, etc.

Smart-Bond Chemical is one of the largest silicone sealants manufacturer in India.

We manufacture many kinds of silicone sealants which are as below :

1. General Purpose / Acetoxy Cure Silicone Sealant.
2. Weather Shield / Neutral Silicone Sealants
3. Structural Silicone Sealants
4. Aquarium Silicone Sealants
5. Solor Panel Silicone Sealants'
6. Expansion Joint Silicone Sealant
7. Construction Polyurethane Sealants

Smart-Bond Chemicals is fully equipped with complete manufacturing facilities in Jaipur - Rajasthan & its operations are committed to produce best quality at minimum cost.

- Glass House
- Indoor & Outdoor Decoration
- Kitchen, Bathroom, Water Proofing
- LED Lights Bonding
- Bus Body Bonding
- HVAC Duct Sealing
- ACP Panel
- Building Material Bonding
- UPVC Window Gap Filling with Paintable Silicone Sealant
- Cold Storage
- Solar Panel & Junction Box Fixing
- Lithium battery
- Clean Rooms



SMART BOND RTV - GENERAL PURPOSE SILICONE SEALANT

1. PRODUCT DESCRIPTION

SMART BOND RTV-GENERAL PURPOSE SILICONE SEALANT GP 100/300 is a single component room temperature vulcanizing acetic silicone sealant. It has excellent, water proofing capability shows good adhesion to glass, aluminium and other metals etc.

2. PRODUCT SPECIFICATIONS/APPLICATION

- Most Suitable for sealing gap between glass & aluminium, pvc, non-oily wood, sealing of aluminium glass window frame joints, fixing glass into aluminium frames in lieu of rubber beading (general construction sealing and bonding applications).
- For bonding and sealing of glass, glass fiber, rubber, wood, ceramics, metal, plastic surfaces.
- For indoor decoration : filling, sealing and jointing.

3. **Color :** Transparent / Black / White / Grey

4. **Shelf Life:** One Year from Date of Manufacture.

5. **Available Packaging :** 260 ml / 280 ml



SMART BOND RTV NP-120

1. PRODUCT DESCRIPTION

SMART BOND RTV-NP 120 NEUTRAL CURE SILICONE SEALANT is one part neutral cure RTV silicone sealant for construction and industrial applications.

2. PRODUCT SPECIFICATIONS/APPLICATION

- Perfect for general purpose glazing sealing and weatherproofing applications.
- Excellent adhesions to glass cracked surfaces, anodized aluminium, concrete cement, Wood and many plastics / industry building, industrial roofing, cold storage panel joints, telecom Shower, Shelters, Mirror fixing.
- Suitable for ACP panel pasting and goove filling, dust free room, UPVC and aluminium windows.

3. **Color :** Transparent / Black / White / Gray.

4. **Shelf Life:** One Year from Date of Manufacture.

5. **Available Packaging :** 280 ml



SMART BOND RTV-789 WS

1. PRODUCT DESCRIPTION

SMART BOND RTV-789 WS WEATHERPROOF SILICONE SEALANT is a high modulus elastomeric silicone sealant specifically designed for weatherproofing, curtain wall use. Weatherproof Silicone Sealant is totally free of the influence of rain, snow, sharp change in temperature and long-time being illuminated by ultraviolet ray.

2. PRODUCT SPECIFICATIONS/APPLICATION

- Premium performance weather sealing product specially designed for general glazing and weather sealing for curtain wall & building facades.
- It could be used for assembling, sealing, sticking and repairing of most glass, concrete masonry joints.
- It has been widely used for glazing and sealing for all types of steel frame, engineering and building materials.

3. **Color :** Black / White / Transparent

4. **Shelf Life:** One Year from Date of Manufacture.

5. **Available Packaging :** 280 ml / 300 ml / 600 ml



SMART BOND RTV STRUCTURAL - 791 SILICONE SEALANT

1. PRODUCT DESCRIPTION

SMART BOND RTV STRUCTURAL-791 SILICONE SEALANT is a one-part high quality, neutral and room-temperature cured Silicone Structural Sealant. Excellent adhesion without applying primer painting many architecture materials such as glass, coated glass, aluminium material, granite and coated metal material.

2. PRODUCT SPECIFICATIONS/APPLICATION

- It can be used for structural glazing and sealing for glass, stone, aluminium panel curtain wall and secondary seal of insulating glass, filling and sealing or complex edge.
- Suitable as a secondary edge sealant for the manufacturing of multiple insulating glasses used in structural glazing.

3. **Color :** Black / White / Transparent

4. **Shelf Life:**One Year from Date of Manufacture.

5. **Available Packaging :** 300 ml / 600 ml



SMART BOND RTV SB 704 (FLOWABLE SEALANT)

1. PRODUCT DESCRIPTION

SMART BOND RTV SB 704 flowable sealant is a single component room temperature vulcanizing oxime cure silicone sealant.

2. PRODUCT SPECIFICATIONS/APPLICATION

- Sealing and bonding application where low viscosity and self-leveling properties in combination with non-corrosive cure is required
- Designed for applications which demand a strong but flexible bond such as when bonding materials with differing thermal expansion rates e.g., glass to metal or glass to plastic
- Low modulus formulation for high movement capability
- Sealing in gaps where an elastic grouting is required

3. **Color :** White /Black

4. **Shelf Life:**One Year from Date of Manufacture.

5. **Available Packaging :** 50GRM/ 300ML.



SMART BOND FIRE STOP SILICONE SEALANT

1. PRODUCT DESCRIPTION

Smart Bond Firestop Sealant is a high-performance, ready-to-use, gun-grade, latex-based, intumescent sealant that dries to form a monolithic fire stop seal that also acts as a barrier to airborne sound transmission. Smart Bond Fire stop Sealant helps control the spread of fire, smoke and noxious gasses before, during and after exposure to a fire when installed in accordance with a listed through penetration or fire-resistive joint assembly system.

2. PRODUCT SPECIFICATIONS/APPLICATION

High-performance Smart Bond Fire stop Sealant is ideal for sealing single or multiple through penetrations in fire-rated construction. Smart Bond Fire stop Sealant is typically used in mechanical, electrical and plumbing applications to fire stop openings created by the following penetrations in fire-rated floors, floor/ceilings or walls : metallic pipe, plastic pipe (excluding CPVC).

3. **Color :** Black / Grey

4. **Shelf Life:** One Year from Date of Manufacture.

5. **Available Packaging :** 300ml, 600ml, 5kg



SMART BOND GRIP-ALL

1. PRODUCT DESCRIPTION

SMART BOND GRIP ALL is an odour free and can be used to avoid nails in house hold interior and exterior and heavy duty construction jobs. It is ideal for installing wall and ceiling plaster board and panels, skirting boards and architraves, bonds variety of construction and building materials.

2. PRODUCT SPECIFICATIONS/APPLICATION

- Bonding common construction material such as wood, particle board, plywood, plaster board fibre cement, aluminium, metals, bricks, concrete, masonry, ceramic, porcelain, stone, rigid pvt. Recommended use on bonding timer & flooring all & ceiling panels door and windows.
- Best for stone cladding, heavy duty construction jobs.
- For sealing, bricks, indoor & outdoor projects.

3. **Color :** White / Black

4. **Shelf Life:**One Year from Date of Manufacture.

5. **Available Packaging :** 280 ml / 600 ml / 50 GM



SMART BOND RTV AQUARIUM PLUS ADHESIVE SEALANT

1. PRODUCT DESCRIPTION

SMART BOND RTV AQUARIUM PLUS HIGH MODULES ACETOXY CURE is a one part acetoxy curing sealant with excellent resistance to aging, shrinkage, cracking and discoloration. It is specially design for structure glazing and sealing on the joints of senior aquarium system with glass and can be used in large plate glass and vitrine.

2. PRODUCT SPECIFICATIONS/APPLICATION

- Joints sealing for supper aquarium and tank.
- Specially design for aquarium glazing and sealing in large plate glass and vitrine.
- Widely used for sealing bonding aquarium.
- Jewellery display cabinet plate and indoor plate decoration sealing.

3. **Color :** Transparent

4. **Shelf Life:**One Year from Date of Manufacture.

5. **Available Packaging :** 280 ml



SMART BOND THERMALLY CONDUCTIVE HEATSINK COMPOUND

1. PRODUCT DESCRIPTION

This is a product realised with the insertion of the filler matrix that has the prerogative of dissipating heat without being electrically conductive but insulating. The product's filler is made up of parts of boron and alumina and still others. Thermal conduction dissipation is measured in W/m-K. The Regulation that governs these materials is the MIL I 49456. The product may have a Shore hardness of A, different so as to guarantee the perfect planarity between surfaces. In this way the best dissipation of heat is obtained.

2. PRODUCT SPECIFICATIONS/APPLICATION

Thermally Conductive Grease IS. Led Lighting Assemblies.
Consumer Electronics. Power Supplies.
All other Electric Application Where. Thermal Management Is Required.

3. **Color :** White / Grey

4. **Shelf Life:** One Year from Date of Manufacture.

5. **Available Packaging :** 1kg, 5KG



SMART BOND RTV SL -1000 SILICONE SEALANT

1. PRODUCT DESCRIPTION

SMART BOND RTV SL-1000 Silicone Glue specially designed for solar panel edge sealing & Junction Box Fixing.

2. PRODUCT SPECIFICATIONS/APPLICATION

- UL Certified high modules, fast curing silicone
- Neutral Non- Corrosive Industrial Silicone is supplied ready- to-use. Under pressure it flows readily from its container.
- The paste-like consistency makes it easy to work; a spatula or wooden paddle can be used for tooling the surface.
- The cure progresses inward from the surface. At conditions of at least 72°F (22°C) and 50 percent relative humidity, the sealant forms a tack- free skin in 30 minutes. Tooling is not practical after this skin forms and should be completed within 5-10 minutes of application, even though this may require alternate periods of applying and tooling.

3. **Color :** White, Black

4. **Shelf Life:** One Year from Date of Manufacture.

5. **Available Packaging :** 300 ml / 600 ml / 20 Ltr / 200 Ltr



SMART BOND RTV-666 SILICONE GASKET MAKER

1. PRODUCT DESCRIPTION

SMARTBOND® High Performance RTV Silicone Gasket Maker is a single component, room temperature vulcanizing gasketing compound designed to provide reliable “formed-in-place” gaskets for mechanical assemblies. This material cures on exposure to moisture in the air to form a tough, flexible, silicone rubber gasket.

2. PRODUCT SPECIFICATIONS/APPLICATION

- Timing gear covers
- Transmission pans
- Valve covers
- Oil pans

3. **Color :** White, Clear, Red, Grey, Blue.

4. **Shelf Life:** One Year from Date of Manufacture

5. **Available Packaging :** 15g, 25g, 85g, 300ml



SMART-THERM SB-110 THERMAL POTTING

1. PRODUCT DESCRIPTION

SMART-THERM SB 110 Thermal Potting is a two-component silicone based, room temperature or heat curable potting compound with good thermal conductivity.

2. PRODUCT SPECIFICATIONS/APPLICATION

- It is used in power electronic components, modular power supplies, circuit boards for potting application
- It is used in LED drivers, automotive HID lamp power supply etc
- It is used in automotive ignition system module power supply, network transformers etc.
- It is used for potting of adaptors, inverters, transformers, sensors, electronics control units etc.

3. **Color :** White

4. **Shelf Life:** One Year from Date of Manufacture.

5. **Available Packaging :** 1 kg, 25kg



SMART BOND RTV BS 3000

1. PRODUCT DESCRIPTION

Electronic RTV silicone sealant is a single component room temperature alkoxy curing silicone rubber, which has good adhesion For metal, glass, plastics and other materials. The silica gel is elastomer after cured, which has anti cold alternate and aging resistance and insulation properties. The silica gel has excellent moisture resistance, high temperature resistance, earthquake resistance, corona resistance, anti leakage performance, which comply with RoHs directive requirements

2. PRODUCT SPECIFICATIONS/APPLICATION

- Mobile Charger waterproofing
- Antenna application
- LED lamp adhesive, waterproof, insulation, sealing

3. **Color :** White.

4. **Shelf Life:** One Year from Date of Manufacturing

5. **Available Packaging :** 300ML/ 2600ML



SMART BOND THERMAL ADHESIVE - 222

1. PRODUCT DESCRIPTION

Smart Bond Performance Materials offers a range of thermally conductive condensation cure adhesives and sealants. These materials cure to form an elastic rubber when exposed to atmospheric moisture at room temperatures, eliminating the need for heat ovens.

2. PRODUCT SPECIFICATIONS/APPLICATION

Thermally Conductive Adhesive is suitable for:

- Bonding integrated circuit substrates
- Adhering lids and housings
- Base plate attach
- Heat sink attach.

3. **Color :** White

4. **Shelf Life:** One Year from Date of Manufacture.

5. **Available Packaging :** 300ml



SMARTFLEX-265 POLYURETHANE SEALANT



1. PRODUCT DESCRIPTION

Smartflex-265 is low modulus one-component moisture curing Class Apolyurethane sealant. It cures into a flexible, durable and weather resistant elastomeric sealant that has very good adhesion to most construction and industrial materials. It can accommodate cyclic joint movement of 50% (+/-25%) of the joint width.

2. PRODUCT SPECIFICATIONS/APPLICATION

Smartflex-265 Polyurethane Adhesive/Sealant meets or exceeds the following: TT-S-00230C (Type II) Class A, ASTM C-920 Type S Grade NS, Class 25, Use- NT, A and M. Maximum joint width should not exceed 1-1/4" and should be no deeper than 3/8". For greater depth use a foam backer rod to within 3/8" of desired surface level. Sealant should be applied by "pushing" the bead ahead of nozzle forcing the sealant into the joint ensuring adequate contact with all joint surfaces. Tooling of material needs to be completed within 40 minutes of application.



3. **Color:** Black / Grey

4. **Shelf Life:** One Year from Date of Manufacture.

5. **Available Packaging:**
300ml/ 600ml/ 5 kg

CANTEC MASKING TAPE

1. PRODUCT DESCRIPTION

CANTEC CREPE PAPER MASKING SELF ADHESIVE TAPE are premium grade, high quality applicatin tape with specially formulated natural adhesive to deliver surface protection without leaving impression to the applied item. Cantec Masking Tape is an adhesive crepe paper tape coated on one side with rubber-based adhesive. It is special formulated so that it leaves no marks/residues after removing the tape. Suitable for mounting printing plates, decoration painnting and a multitue of other use.



2. PRODUCT SPECIFICATIONS/APPLICATION

- Splicing, Surface Protection • Automobiles-Panting Cars • Hoardings Lifting
- Laminate Fitting • Plywood Fitting • Construction, Wall Paints, Flooring Splicing
- Sealing, Holding, Bundling, Reinforcing • Identifying, Tabbing, Wrapping, Paint Masking
- Repairing of Books, Maps and Posters • Identifying, Tabbing, Wrapping Pant



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