

# Technical Data Sheet

## BS-8622 Hybrid Clear Sealant



### Features

- ◆ Crystal Clear
- ◆ Bonds Various Materials
- ◆ Primerless Bonding to Most Surfaces

### Available Color

- ◆ Clear

### Packaging

- ◆ 290 ml (cartridge)~20/carton

### Storage

- ◆ Store in a dry and cool place with temperature below 30 °C
- ◆ From the date of production, 9 months in HDPE cartridge

### Product Specification

Curing System	: Moisture Curing
Appearance	: Clear Paste
Density	: 1.04 gm/ml
Maximum Tensile at Break (ASTM D412)	: 1.4 N/mm <sup>2</sup>
Elongation at Break (ASTM D412)	: 210 %
Shore A Hardness (ASTM C661)	: 38
Cure Depth (24 Hours) at 23 °C, 50% Humidity	: 2 – 3 mm
Tack-Free / Skin-Form Time (at 25°C & 50% R.H.)	: 10 – 20 minutes
Application Temperature	: 5 °C to 40 °C
Service Temperature	: -20 °C to 90 °C

### Description

A new generation MS Polymer adhesive/sealant formulated for all bonding and sealing applications where long term reliability is required. It has excellent bonding strength on various materials. It will cure to form a durable, flexible, waterproof seal.

### Applications

Bonding and sealing of various materials: plastics (nylon, PVC, ABS, etc.), metal (stainless steel, aluminium, copper, etc.), rubber (natural rubber, synthetic rubber, EPDM, etc.), natural materials (wood, leather, etc.), and inorganics (concrete, natural stone, tiles, glass, etc.).

### Directions

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent. Do not use soap or detergent.
3. For a neat finishing, apply masking tape and remove it before sealant skins over.
4. Cut the tip off and puncture the internal foil seal with the nozzle. Cut the nozzle at 45° angle to desired bead-width and apply the sealant to substrate with a cartridge gun.
5. Tool the sealant within 10 minutes of extrusion before it skins. Tack-free in 20 minutes.
6. Uncured sealant can be cleaned up with mineral spirits.
7. Use approved backing material for joints over 10 mm deep.

### Clean Up

- ◆ Wet sealants can be cleaned up with acetone or mineral spirits.
- ◆ Cured sealants can only be removed mechanically.

### Limitation

Not recommended for following applications:

- ◆ Chlorinated water such as swimming pools, spas, etc.
- ◆ Constant immersion in salt water.
- ◆ Glazing applications.



## **BS-8622 Hybrid Clear Sealant**

### **Caution**

Causes serious eye irritation. Wash hands thoroughly after handling. Wear eye protection. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists: Get medical advice/attention. Keep out of reach of children. Contains aminosilane. May produce an allergic reaction. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

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