

Technical Datasheet MSP Clear

Product Description

Bondchem MSP Clear is a single component adhesive and sealant based on MS Polymer technology. This grade offers excellent adhesion to a huge range of substrates, while providing toughened flexibility throughout the bondline. This grade also has a unique adhesion promoter which allows this grade to fully function on damp surfaces.

Typical Applications

Bondchem MSP Clear is very versatile, and can bond a wide variety of substrates without the need for surface primers or conditioners. Typical examples shown below:

- Bonding joint assemblies in coach body work.
- Bonding skirts and spoilers in the automotive aftermarket.
- Bonding automotive carbon fibre body panels.
- Sealing and weather proofing joints.
- Bonding glass to metal and wood in furniture manufacture.

Instructions For Use

1. Always consult MSDS before using **MSP** for the first time.
2. Carry out surface preparation where required.*
3. Carefully cut and remove cap, and attach nozzle.
4. Apply adhesive to one surface and assemble components carefully, clamping if required.
5. It is always easier to remove any excess adhesive prior to cure using a suitable cleaner.*
6. Allow the adhesive sufficient time to achieve handling strength before moving or unclamping components.

*(See Bondchem guide to bonding for full information and in depth usage instructions)

Properties of Uncured Material

| | |
|----------------|-------------------|
| Resin | Modified Silane |
| Colour | Clear |
| Appearance | Thixotropic Gel |
| Density g/ml | 1.6 |
| Slump ISO 7390 | <2mm |
| Open Time | 10 Minutes @ 22°C |
| Full Cure | 24 hours |

Performance of Cured Material

| | |
|------------------------|----------------|
| Modulus 100% DIN 53505 | 45 |
| Tensile Strength | 2.4MPa |
| Shrinkage | Nil |
| Hardness Shore A | 50-55 |
| Temperature Range | -40°C to 100°C |

Packaging

Bondchem MSP is available in 290 ml cartridges for use with a dispensing gun.

Storage & Shelflife

Bondchem MSP should be stored un-opened in a cool dry location, out of direct sunlight. Stored correctly, this grade can offer a 12 month shelf life from manufacture.

Health and Safety in Use

Bondchem MSP contains Bis – (1.2.2.6.6 – pentamthyl-4-piperidyl) sebcate. May produce an allergic reaction. Do not take internally. Keep out of reach of children. Safety data available on request.