

Product Description

Bondchem C60 is an advanced, low odour, low bloom cyanoacrylate that is formulated to provide high tensile and shear strengths on a wide variety of substrates. This single component adhesive has an active cure mechanism, which when pressed into a thin film between two surfaces, will cure almost instantaneously to form a rigid thermoplastic. Due to the innovative chemistry of **C60**, this grade eliminates blooming, even when cured in volume.

Typical Applications

Bondchem C60 is used in a huge cross section of industrial applications. From OEM to MRO industries, this grade can be used on a variety of plastic, rubber and metal bonding applications including automotive and electronic component manufacturing. Typical examples shown below:

- Bonding ABS and stainless steel on automotive center consoles
- Bonding components in a speaker cone
- Bonding sensors on PCM's
- Bonding protective screens to casing in TV manufacture
- Bonding polycarbonate and acrylic in POS displays
- Bonding plastic lenses in traffic lights

Instructions For Use

1. For best results clean all surfaces with a cleaning solvent and allow to dry fully.
2. Apply adhesive to one of the mating parts and assemble carefully.
3. Allow to cure fully before applying load.
4. Excess adhesive can be carefully cleaned up with cleaning solvents such as acetone.

Properties of Uncured Material

| | |
|-------------|----------------------------|
| Resin | Methoxyethyl Cyanoacrylate |
| Appearance | Colourless liquid |
| Viscosity | 40 to 80cps |
| Cure System | Humidity |

Performance of Cured Material

| | |
|-------------------|---------------------------|
| Fixture Speed | < 30 seconds @ 20°C |
| Full Cure Time | 24 hours @ 20°C |
| Typical Strength | 5 to 28 N/mm ² |
| Gap Fill | 0.1mm |
| Temperature Range | -55°C to 70°C |

Packaging

Bondchem C60 is available in 3g, 20g, 50g and 500g HDPE bottles. In addition, we can offer automated dispensing lines for the bulk dispensing of this material

Storage & Shelflife

Bondchem C60 should be stored unopened in a cool dry location, out of direct sunlight. Stored correctly, this grade can offer a 6 month shelf life from manufacture.

Health and Safety in Use

Bondchem C60 is an ethyl cyanoacrylate, and can bond skin and eyelids in seconds. This grade should not be used without consulting the MSDS, which contains full information regarding the use of this product, including Transport, Disposal, Toxicological, Exposure Controls, Accidental Release and First Aid measures essential to the safe use of this product