

Product Description

Bondchem C200 is an advanced, high temperature, surface insensitive cyanoacrylate that is formulated to provide high tensile and shear strengths at elevated temperatures. 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 surface insensitive nature of **C200**, this grade also maintains a rapid fixture time on acidic surfaces such as wood, leather and dichromated metals.

Typical Applications

Bondchem C200 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, white goods and furniture manufacturing. Typical examples are shown below:

- Bonding circuit board components (pre solder wave)
- Bonding Sign graphics pre paint bake cycle
- Bonding identification tags to equipment

Instructions For Use

1. For best results clean all surfaces with a suitable 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 | Modified Ethyl Cyanoacrylate |
| Appearance | Colourless liquid |
| Viscosity Brookfield Sp 1 @ 20rpm | 120cps |
| Cure System | Humidity |

Performance of Cured Material

| | |
|-------------------|--|
| Fixture Speed | < 8 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 200°C (Subject to substrate and bond dynamic) |

Packaging

Bondchem C200 is available in 20g, 50g and 500g HDPE bottles. In addition, we can offer automated dispensing lines for the bulk dispensing of this material.

Storage & Shelflife

Bondchem C200 should be stored unopened 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 C200 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.