

Technical Datasheet Superset 200

Product Description

Truloc Superset 200 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 Superset 200 it also has hightemperature resistance, this grade eliminates blooming, even when cured in volume.

Typical Applications

Truloc Superset 200 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:

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| 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

- For best results clean all surfaces with a cleaning solvent and allow to dry fully.
- Apply adhesive to one of the mating parts and assemble carefully.
- Allow to fully cure before applying load.
- 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	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 120°C

Packaging

Truloc Superset 200 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

Truloc Superset 200 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

Truloc Superset 200 is a Methoxyethyl Cyanoacrylate, and can bond skin and eyelids in seconds. This grades 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.