


TECHNICAL DATA SHEET				
	TDS No:	479	Issue No:	3
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PRODUCT	NovaTac 120			

Description

NovaTac 120 is an advanced surface insensitive 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 surface insensitive nature of **NovaTac 120**, this grade also maintains a rapid fixture time on acidic surfaces such as wood, leather and dichromated metals.

Applications

NovaTac 120 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 shown below:


- Sign making
- Point of Sale
- Plastic fabrications
- Extrusions
- Consoles, dashboards and weather strips
- Identification tags to equipment
- Rubber pads to equipment base or legs
- Bonding components in speaker cones
- Leather and rubber in shoe manufacture
- Arts & crafts

Instructions for Use

1. For best results clean all surfaces with [NovaBond Surface Cleaner](#) and allow to dry
2. For difficult substrates, bond strength can be enhanced by priming one side with [NovaTac Spray Activator](#)
3. Apply the adhesive to one of the mating parts and assemble
4. Allow to fully cure before applying any load
5. Excess adhesive can be carefully removed with [NovaBond ARC - Adhesive Remover & Cleaner](#)

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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Properties of Uncured Material

Resin	Ethyl Cyanoacrylate
Appearance	Colourless liquid
Viscosity	120cps
Cure System	Humidity

Performance of Cured Material

Fixture Speed	< 8 Seconds @ 20 ⁰ C
Full Cure Time	24 hours @ 20 ⁰ C
Typical Strength	5 to 28 N/mm ²
Gap Fill	0.1mm
Temperature Range	-55 to 90 ⁰ C

Storage & Shelf life

NovaTac 120 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

NovaTac 120 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.

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