


TECHNICAL DATA SHEET

	TDS No:	031	Issue No:	1
	Issue Date:	11/08/14		
	Revision Date:	04/02/15		
	Page No:	1 of 2		
PRODUCT		NovaSol 7000NC		

Product Description

NovaSol 7000NC25 is a two component structural acrylic adhesive designed to bond cast acrylic sheet with a bond strength that should always outperform the substrate. This ultra high strength is achieved by using a bespoke blend of advanced acrylic polymers which when combined with our non phthalate and non dichloromethane cure system provide a fast bond speed with ultra high clarity.

Advantages and Benefits

Traditional methods of hand mixing some alternate two component systems add considerable preparation time to the assembly as the mixed material is often left for any induced air to float to the surface and leave the mixture. NovaSol 7000NC25 eliminates this waste of production time as no air is induced during the mix due to the bespoke cartridge and mixer nozzle packaging. This system also ensures that the user will attain a bubble free bondline free from even microbubbles that often remain in hand mixed materials unless pulled in a vacuum. Besides the reduction of process time this grade has a number of Health and Safety benefits over some alternate systems, contains no Dichloromethane, and has a non phthalate activator.

Instructions For Use

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

Properties of Uncured Material

Resin	Methyl Methacrylate
Colour	Transparent
Appearance	Clear liquid
Viscosity Brookfield T Bar	3,000cps
Cure System	Exothermic
Open Time 10g Mass	15 Minutes @20°C
Handling Strength	30 Minutes@ 20°C

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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<div><div>bonding people fixing problems</div><div>INNOVA</div><div>solutions</div></div>	TDS No:	031	Issue No:	1
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	Revision Date:		04/02/15	
	Page No:		2 of 2	
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Performance of Cured Material

ASTM D1002 Lapshear Acrylic	Substrate Failure
Gap Fill	0.15 – 0.6mm
Temperature Range	-55 to 120°C

Packaging

50ml 10:1 Cartridges to be used with dispensing gun.

Storage & Shelflife

NovaSol 7000NC25 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

NovaSol 7000NC25 is a methyl methacrylate and 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.

Click [here](#) to link through to our product range.

Contact us @ enquiries@innovasolutions.co.uk for more information.

Innova Solutions: bonding people, fixing problems: +44 (0)1282 867 390

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