

GENERAL PRODUCT DESCRIPTION

Procure PC77 is a single component primer for use in conjunction with Procure cyanoacrylate adhesives. The Heptane solvent carrier has zero Ozone depletion potential.

TYPICAL APPLICATION

Procure PC77 enables the bonding of difficult to bond non-polar plastics such as polypropylene, polyethylene, silicon rubber and even Polytetrafluoroethylene. Procure 77 works by increasing the surface energy of the surface to which it is applied.

PROPERTIES OF MATERIAL

Property	Unit	Value
Chemical Type		Heptane Carrier
Appearance		Clear
Specific Gravity@ 25 °C		~0.70
Viscosity	cPs	~1.0
Drying Time at 22°C	(secs)	~30
Flash Point	(°C)	~1 (Highly Flammable)
Shelf Life @ 20°C	(months)	12 (Unopened)
On Part Life	(Hrs)	~8

CAUTION

Never mix liquid primer with cyanoacrylate adhesive, as an exothermic reaction may occur. Due to the solvent content, Procure PC77 may attack certain plastics or coating, so substrates should be tested for compatibility.

DIRECTION FOR USE

Procure PC77 should be applied to the area to be bonded by brushing, wiping or dipping. Wait for the solvent carrier to evaporate (normally 10-30 seconds).

Apply PC77 to all bond surfaces that are made from difficult to bond plastics. For example, if the bond is Polypropylene to polypropylene, both surfaces should be primed. However, if the bond is polypropylene to ABS, only the polypropylene surface should be primed. Apply the appropriate Procure cyanoacrylate grade to the part to be bonded and assemble.

GENERAL INFORMATION

Procure activators and primers are formulated for use in conjunction with Cyanotec adhesives and sealants. Cyanotec cannot guarantee the effectiveness of the product if used with alternative brands.

HEALTH & SAFETY IN USE

For safe handling of this product consult the Material Safety Data Sheet.

Use in a well-ventilated area.

Note: PC77 Liquid is Highly Flammable; appropriate precautions should be taken when using the product.

STORAGE

Store in a cool dry area out of direct sunlight. Shelf life: Approximately 12 months @ 20°C. Keep lids tightly closed to avoid evaporation of solvent carrier.

DATA RANGES

The data contained in this data sheet may be reported as typical value and/or range. Values are based on actual test data and are verified on a regular basis.

NOTES AND DISCLAIMER

The information contained herein is produced in good faith and is believed to be reliable but is for guidance only. CYANOTEC Ltd and its agents cannot assume liability or responsibility for results obtained in the use of its product by persons whose methods are outside or beyond our control. It is the user's responsibility to determine the suitability of any of the products and methods of use or preparation prior to use mentioned in our literature and furthermore the user's responsibility to observe and adapt such precautions as may be advisable for the protection of personnel and property in the handling and use of any of our products.