



Sole UK Distributors Of
REINHARDT-TECHNIK
Metering, Mixing &
Dispensing Systems



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Technical Data Sheet

CYANOLIT 811F

Non-fume, Non-bloom Cyanoacrylate Adhesive

CYANOLIT 811F is a newly developed cyanoacrylate adhesive which no longer exhibits any natural odour, i.e.:

- 1) No more irritation of the mucous membranes around the eyes and nose - important for piecework and home-work. Significant cost savings through reduction in air extraction requirements. Reduction in problems of operator reaction.
- 2) Non blooming - No visual deterioration caused by blooming (a white deposit) round the bond area. Will not cause interference by contamination of electrical contacts, or any high resistance problems.

Physical Properties

Basis : Ethyl Cyanoacrylate

Liquid

Appearance : Colourless
Viscosity : 12 mPas
Specific Gravity : 1.07 g/cm³
Flash Point : 112°C

Cured

Melting Point : 142°C
Refractive Index n₂₀ : 1.48
Dielectric Constant : 3.5 (at 10 kHz)
Volume Resistivity : 10¹⁴ Ohm/cm
Temperature Resistance : -80°C to +80°C

<u>Substrate</u>	<u>Setting time</u>	<u>Tensile Shear</u>	<u>Tensile Strength</u>
Rigid PVC	15	10.2*	35.1
Polycarbonate	25	4.1	23.0
ABS	5	9.8*	18.2
Derlirin	20	4.1	16.8
(Polyacetate)			
NBR Rubber	5	0.4*	6.0*
APTK Rubber	5	0.4*	2.5*
PVC-Steel	10	9.1*	15.1
Alu-ABS	5	8.2*	14.3
APTK-Steel	5	0.4*	3.1*

* Material Failure

CAUTION

Contains Cyanoacrylate Ester

Bonds skin and eyes in seconds

Keep out of the reach of children

Use safety hand cream

In the event of inadvertent skin bonding, bonded skin should be peeled apart and never directly pulled.

First Aid Information

Cyanolit quickly adheres to the skin, therefore the operator is recommended to use gloves. If accidental skin contact occurs, avoid vigorous attempts to remove and apply acetone to the area involved. When two fingers are bonded together, they should be separated very slowly using a third finger.

EYE CONTACT SHOULD BE AVOIDED AT ALL TIMES - Goggles are recommended. Accidental spillage into the eye should be immediately flushed with plenty of water and if necessary expert medical attention should be sought.

Storage

Store in a closed upright container between +3°C and +20° C in a dry area. The lower the temperature the longer the ultimate shelf-life but bring to room temperature before re-use.

Availability

Cyanolit is available in the following pack sizes: 20 gm, 50 gm, 100 gm and 500 gm. All packs are equipped with application nozzles.

Cyanolit can also be dispensed through a range of manual and semi-automatic dispensing equipment.