

Technical Data Sheet – Pattex 15g Superglue

Technical Data Sheet
Revision:0
Issued: June 2020
Number of pages: 3

Formula: Cyanoacrylate

EAN code: 2639854

1. DESCRIPTION

PATTEX SUPER GLUE is a high strength, top fast setting adhesive which can be used for virtually any type of fastening job. PATTEX SUPER GLUE has become one unique product featuring with the fastest setting ability in the realm of Cyanoacrylate Adhesive. PATTEX SUPER GLUE is especially designed for bonding and repairing. Better efficiency and quality combined with cost saving have made PATTEX SUPER GLUE to be a substitute for repair material. When a thin layer of PATTEX SUPER GLUE applied between two surfaces comes into contact with atmospheric moisture, a rapid polymerization occurs producing the ultimate bond.

2. PROPERTIES

- Immediate bond
- Very high bond strength.

3. CURING PERFORMANCE

There are many factors that can influence the rate of cure. These include: the types of substrate used, the condition of the surface to be bonded, the smoothness of the surface, the closeness of the surfaces, the atmospheric conditions etc.

Steel to Steel	5 – 10 seconds
Stainless Steel	3 – 5 seconds
Aluminum	5 – 15 seconds
Zinc plated	20 – 45 seconds
ABS to ABS	3 – 5 seconds
ABS to NBR	2 – 5 seconds
ABS to Wood	5 – 10 seconds
NBR to NBR	2 – 5 seconds
Wood	20 – 35 seconds
Polycarbonate	10 – 45 seconds

4. ADHESIVE PERFORMANCE

After 24 hours at 25°C.

Tensile Strength	
Steel	150 – 210 Kg/ cm2
Stainless Steel	150 – 250 Kg/ cm2
Aluminum	140 – 170 Kg/ cm2
Copper	130 – 150 Kg/ cm2
PVC	40 – 60 Kg/ cm2
ABS	50 – 70 Kg/ cm2
Polycarbonate	80 – 120 Kg/ cm2
Polystyrene	30 – 45 Kg/ cm2
NBR	5 – 9 Kg/ cm2
SBR	5 – 10Kg/ cm2

5. APPLICATIONS

Suitable for glass, rubber, metals, and many plastics.

6. DIRECTIONS FOR USE

Make sure the surfaces to be bonded are clean and dry (preferable to solvent-wipe plastics, glass, and rubber, and to acid-treat metals).

Dispense a drop or drops to one surface only. Apply only enough to leave a thin film after compression.

Press parts together and hold firmly for a few seconds. Good contact is essential. An adequate bond develops in less than one minute. (Maximum strength is achieved in 24 to 48 hours).

Wipe off excess adhesive from the top of the container and recap PATTEX SUPER GLUE if left uncapped, may deteriorate by contamination from moisture in the air.

Because PATTEX SUPER GLUE condenses by polymerization, sometimes whitening will occur on the surface of the container or the bonded materials. Should this happen, wipe surfaces well with acetone.

7. PACKAGING

Product	Weight	Package
PATTEX SUPER GLUE	15 gr	1/60

8. STORAGE AND SHELF LIFE

12 months in unopened packaging in a dry and cool storage place at temperatures between +5°C and +25°C.

9. SAFETY

Cyanoacrylates should ideally be stored in original sealed containers until used.

Avoid exposure to strong light and heat sources.

Cyanoacrylates can bond to skin within seconds.

Do not drip into skin or into eyes - can cause serious injury to your eyes.

Use with proper ventilation. Avoid contact with skin and eyes.

If contact with skin occurs, rinse with warm water or dissolve gradually with solvent such as acetone, or nitro methane. Do not try to remove forcibly.

If adhesive gets into eye, keep eye open and rinse thoroughly. Seek medical attention immediately.

Keep well out of reach of children.

Keep adhesive in a cool, dry place 20-25°C.



Excellence is our Passion

10. TECHNICAL PROPERTIES

Basis	: Ethyl Cyanoacrylate	
Appearance	: Transparent, colorless ; colored liquid	
Colour	: Colorless	
Application Temperature	: +5°C to +30°C	
Specific Gravity	: 1,05 ± 0,01 g/cm ³	ASTM
Vapor Pressure	: < 1	
Viscosity	: 2 - 5 cps	ASTM

The information provided herein, especially recommendations for the use and application of our products, is based upon our current knowledge and experience. Due to different possible applications as well as varying application and working conditions, which are beyond our control, we strongly recommend to carry out sufficient extensive prior trials to confirm the suitability of our products for the relevant production processes, as well as the intended applications and results. Any liability in respect of the information in this Technical Data Sheet or any oral recommendations is excluded, except in the event of harm to life, physical injury or harm to health or if we are liable-for gross negligence or willful misconduct or according to applicable mandatory product liability law.

Henkel South Africa Pty Ltd

15 Potgieter Street, Alrode Ext 3, Alberton, Johannesburg, 2145

Phone: +27 (0) 11 614 2400

Internet: www.pattex.co.za