

TYPE: PB1

TYPE:	PB1 Multi Purpose Adhesive								
DESCRIPTION:	PB1 Multi Purpose Adhesive is a low viscosity quick setting velocity ethyl cyanoacrylate adhesive.								
APPLICATION:	Ideal for bonding plastic, rubber and metal								
CURE SPEED:	<table><tr><td>Plastic:</td><td>10-40 seconds</td></tr><tr><td>Rubber:</td><td>10-40 seconds</td></tr><tr><td>Metal:</td><td>10-40 seconds</td></tr><tr><td>Wood:</td><td>10-40 seconds</td></tr></table> (22°C, 50% relative humidity ASTM D1002, 0.1N/mm² tensile shear strength)	Plastic:	10-40 seconds	Rubber:	10-40 seconds	Metal:	10-40 seconds	Wood:	10-40 seconds
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GENERAL PROPERTIES:

Uncured monomer

Main component	Ethyl Cyanoacrylate
Appearance	Clear Liquid
Specific gravity, 25°C	1.04
Viscosity 25°C (CPS)	1.5-5.0 CPS
Capillary Viscometers	#200 P378@20°C
Flash Point	>80°C
Shelf Life (20°C)	12

(Store in a cool place & dry place, unopened bottle & out of direct sunlight)

Cured Adhesive

Gap filling	0.04mm
Tensile strength	10~20 N/mm ²
Steel – Steel ASTM D-2095	
Tensile strength	10~20 N/mm ²
Steel – Steel ASTM D-1002	
Service temperature range	-55°C ~ 82°C
Full cure time	24 hours

PRODUCT SIZE:	10g
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SAFETY DIRECTIONS:	Danger, Irritant Avoid contact with eyes and skin, bonds skin in seconds. In case of eye contact, flush with plenty of water for over 15 minutes, call a physician immediately. Use in well ventilated place. Avoid contact with clothing, it can cause very strong heat.
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APPLICATION DIRECTION:

The surfaces to be bonded should be clean and free of grease completely

Excess Adhesive can be treated with acetone

If the porosity of the surface is higher, higher viscosity type should be better

Difficult to bond plastics like PE, PP, Silicone rubber, ABS, TPR, EPDM's adhesion.

PRODUCT AND COMPANY IDENTIFICATION:

Product Name: PB1 Multi Purpose Adhesive

Company Name: AQH Import and Export (Pty) Ltd T/A Prime-Bond.

Address: 111 Nicolas Smit Avenue, Monument, Krugersdorp, South Africa

Tel: 082 384 4256

Email: sales@aqhimportandexport.com