Prime-Bond®
Multi Purpose Adhesives

AQH Import & Export (Pty) Ltd
t/a Prime-Bond

TDS009/23

Technical Data Sheet

TYPE: PB6

TYPE: PB6 Multi Purpose Adhesive

DESCRIPTION: PB6 Multi Purpose Adhesive is a low viscosity quick setting velocity ethyl cyanoacrylate adhesive.

APPLICATION: Ideal for bonding plastic, rubber and metal

CURE SPEED:

Plastic:	10-40 seconds
Rubber:	10-40 seconds
Metal:	10-40 seconds
Wood:	10-40 seconds

(22°C, 50% relative humidity ASTM D1002, 0.1N/mm² tensile sheer strength)

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/mm²
Steel – Steel ASTM D-2095	
Tensile strength	10~20 N/mm²
Steel – Steel ASTM D-1002	
Service temperature range	-55°C ~ 82°C
Full cure time	24 hours

PRODUCT SIZE: 5g

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.

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: PB6 Multi Purpose Adhesive
Company Name: AQH Import and Export (Pty) Ltd T/A Prime-Bond.
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