

Revised
January 2003



9411 Corsair Road
Frankfort, IL 60423
1-800-552-0299 Phone
1-815-464-5650 Fax

EMERGENCY PHONE 1-800-255-3924
TECHNICAL DATA SHEETS
M1000

Description:

M1000 is a methyl based metal bonding instant adhesive, used to bond metal to itself and other substrates.

It is available in 2 gram pipettes, ½ ounce bottles, 1 ounce bottles, 2 ounce bottles, 1 pound bottles, 4.4 pound containers, 20 kilo containers and 55 gallon drums.

Physical Properties:

APPEARANCE: Colorless Transparent Liquid
VISCOSITY: 800 — 1200 cps
SPECIFIC GRAVITY: 1.09 @ 25°C
REFRACTIVE INDEX nD20 1.50
SOLUBILITY: Soluble in Nitromethane
MAIN CONSTITUENTS: Methyl Alpha Cyanoacrylate

Handling Characteristics:

	<i>CURE SPEED</i>
<i>(SECONDS)</i>	
NATURAL RUBER – NATURAL RUBBER	8 -- 12
CHLOROPRENE – CHLOROPRENE	8 – 12
BUTYL RUBBER – BUTYL RUBBER	8 – 12
RIDGE PVC – RUBBER PVC	15 – 35
BAKELITE – BAKELITE	35 – 45
ABS – ABS	25 – 45
BRASS – BRASS	35 – 65
STEEL – STEEL	65 – 95

	TENSILE SHEAR STRENGTH (kgf/cm ²)
STEEL – STEEL	161
BRASS – BRASS	140
STAINLESS STEEL – STAINLESS STEEL	172
RIGID PVC – RIGID PVC	*
ABS – ABS	*
SOFT PVC – ABS	*

* INDICATED MATERIAL FAILURE

Engineering Excellence

For technical information
and support call **1-800-552-0299** or visit our website at

www.instantca.com