



# TECHNICAL DATA SHEET

## MIGHTYBOND EXTREME

### PRODUCT DESCRIPTION

**MIGHTYBOND EXTREME** has better properties of impact resistance, peeling resistance, humidity resistance and heat resistance than regular cyanoacrylate adhesives.

**MIGHTYBOND EXTREME** bonds a variety of metals as well as other materials that cyanoacrylate can bond.

### CHARACTERISTICS

- a. One component, easy to use
- b. Its impact resistance is four times (4X) stronger in metal than **MIGHTY BOND**.

### TECHNICAL DATA

Table 1: Physical Properties: UNCURED STATE

Parameters	Results
Base	Cyanoacrylate
Appearance	Yellow to pale Orange transparent liquid
Viscosity, cps	2000 – 4000
Specific Gravity	1.063
Flash Point	80°C (176°F)
Melting Point	-25 to -20°C
Boiling Point	65°C

Table 2: Physical Properties: CURED STATE

Parameters	Results	Remarks
Setting Time, secs	26-30	
Adhesive Strength Using Elcometer		
HCS/HCS	1800 psi (min)	
LCS/LCS	1800 psi (min)	
SS/SS	1800 psi (min)	
Impact Test (454g, 60cm)	Substrates do not separate within the 45 secs initial bond	
<i>Soluble in acetone, Di methyl formamide, nitromethane</i>		

### INSTRUCTION FOR USE

#### **SURFACE PREPARATION:**

Make sure the surface to be bonded is free from dust, oil, water or surface lubricant.

#### **METHOD:**

Apply a drop or two to one surface only. Press parts together and hold firmly for a few seconds. Good contact is essential.

#### **CLEANING:**

Tools and or equipment used during application should be cleaned. Use acetone as cleaning solvent. For soiled hands, wipe with cloth dampened with solvents mentioned, then, wash with soap and water.

#### **HEALTH PRECAUTIONS:**

Keep adhesives in a cool, dry place preferably at 5-20°C. If adhesives get into eye, keep eye open and rinse thoroughly. Get medical attention immediately. If contact with skin occurs, rinse with warm soap water. Adhesives come off in a few days. Use with proper ventilation in workplace.

#### **OTHERS:**

Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or accuracy of this information or the suitability of each product for their particular purposes.

#### **PACKAGING**

**MIGHTYBOND EXTREME** comes in 3g blistered (single) tubes, packed in 24's/box.