



TECHNICAL DATA SHEET

MIGHTY BOND

TDS No: 020
VERSION: 020-02
VERSION DATE: 11/20/2013

PRODUCT DESCRIPTION

Mighty Bond is a high strength, fast setting, and single component solvent-free adhesive that forms strong bonds on a wide variety of substrates without the need for heat or added catalyst. It is a medium viscosity which polymerizes easily in the presence of moisture or slightly basic surface.

TYPICAL USES. It is particularly useful in bonding porous and non-porous materials; metals, some plastics, rubbers, leathers, woods, etc.

TECHNICAL DATA

Table 1: Physical Properties: UNCURED STATE

Parameters	Results
Base	Cyanoacrylate
Appearance	Colorless to pale yellow clear liquid
Viscosity, cps (~25°C)	210-350
Specific Gravity(20°C)	1.06
Flash Point (°C)	80
Boiling Point (°C)	>190
Shelflife	3g: 18 months from filling date 1g: 12 months from filling date

Table 2: Physical Properties: CURED STATE

Parameters	Results
Setting Time, (sec), steel	3 - 5
Pull-off Strength (psi), steel	350 minimum
Shear Strength (psi), steel	150 minimum
Adhesion-in-Peel,(lbf) leather	10 minimum
Adhesion-in-Peel,(lbf) rubber	13 minimum

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 Mighty Remover as cleaning agent. For soiled hands, wipe with cloth dampened with remover, 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

- 3g: single and twin pack (40pcs/box) strip (24strips/box)
- 1g: single (24pcs/box) mat (24mats/box)