



# TECHNICAL DATA SHEET

## MIGHTY BOND SHOES

### PRODUCT DESCRIPTION

**Mighty Bond Shoes** is an advanced cyanoacrylate adhesive formula ideal for use in shoes. Ideal to address emergency situations, this formula bonds rubber and leather in seconds using with only a drop of the adhesive per square inch of the footwear.

It is high strength, fast setting, and single component solvent-free adhesive that forms strong bonds on porous and non-porous materials like rubber and leather without the need for heat or added catalyst and polymerizes easily in the presence of moisture or slightly basic surface.

### CHARACTERISTICS

**No mess, easy application; dries clear and clean; dries almost instantly in seconds; works even on wet surfaces.**

### TECHNICAL DATA

Table 1. Physical Properties: Uncured State

Parameters	Results
Base	Cyanoacrylate
Color	Colorless to pale yellow
Spreadability	Easy to spread
Viscosity, cps (~25°C)	210 - 350
Specific Gravity (~20°C)	1.06
Flashpoint, °C	> 80
Boiling Point, °C	> 190

Table 2. Physical Properties: Cured State

Parameters	Results
Setting Time, secs (steel)	3 - 5
Setting Time, secs (rubber-leather)	15 max
Pull-off Strength, psi (steel)	350 min
Tensile-Shear Strength, psi (steel)	150 min
Adhesion-in-peel, lbf (Rubber-Leather)	5 lbf

### INSTRUCTION FOR USE

#### Surface Preparation.

Make sure the surface to be bonded is clean and free from dust, oils and other chemicals.

#### 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.

Wipe clean the nozzle before putting back the cap to avoid cap and nozzle bonding. Use Pioneer Mighty Remover as cleaning agent. For adhesives being placed on skin, wipe with cloth dampen with the remover. Wash skin with soap and water.

#### Health and Safety Precautions

Combustible liquid. Keep away from heat, sparks, open flames, and hot surfaces. Skin and eye irritant. Wear proper protective apparels before handling and wash exposed areas with plenty of soap and water. May cause respiratory irritation. Avoid breathing mist/vapors and use only in a well-ventilated area. Keep container closed after every use. Keep out of reach of children. Please see Safety Data Sheet for more information regarding proper handling, storage, and more detailed safety information.

#### PACKAGING

1 box = 3g x 40 pcs