

Frequently Asked Questions

The Mighty Pen™

1) What exactly is The Mighty Pen?

The Mighty Pen is a brand new portable cleaning tool developed, patented and marketed by ITW Chemtronics®. It is designed to easily and quickly remove all types of residue, including permanent marker, adhesives, and ink stains – all in the portability of a pen.

2) What applications does the product work with?

- Removes adhesives, tape and label residues
- Cleans away ink marks
- Eliminates flux residues
- Removes conformal coatings
- Refurbishes telephone equipment
- Removes adhesive residue from medical devices
- Cleans computer and rack systems
- Spot cleans money changing equipment
- All repair and maintenance spot cleaning

3) Where can The Mighty Pen be used?

The Mighty Pen can be used in rework and repair applications, and in field maintenance and service. It can be used to remove adhesive residue from phone systems, remove adhesive and ink marks from mirrors and glass, remove tracking stickers from medical devices, clean away adhesive and ink residue from integrated circuits, clean stray marks on phones and money changing machines, remove tape residues from computer housings... The Mighty Pen can be used where there is a need to eradicate adhesive residues, ink marks and other difficult to remove soils.

4) What type of companies would use this product?

All companies that are involved in field service and maintenance, repair, and refurbishment would have a need for this product. Also, anybody that cannot use Menda dispensers due to spilling/portability, gallon or pint liquids due to size and safety, or anybody that cannot use alcohol due to cleaning strength.

5) How is the pen packaged?

The pen is offered with 11.5 gm of solvent/pen, on a blister card. The label is our multilingual/thirteen language CircuitWorks® label. There are 12 pens/case.

6) What are the key features and benefits of the product?

Features

- Extra cleaning power
- Extremely portable
- Pen dispensing system
- Mild citrus scent
- Patented (US patent #6677291)
- Cap saver barrel

Benefits

- Quickly removes a wide range of soils
- Can easily be carried anywhere
- Convenient and easy to use
- Will not overpower the end-user
- A truly unique formulation
- Cap loss is prevented

FAQ

Frequently Asked Questions

7) Is the product plastic safe?

This material is safe on most plastics; however it is definitely not safe for use on acrylic, styrene, and carbonate based plastics. For a more detailed list of plastic compatibility refer to the Material Compatibility Chart on the Technical Data Sheet. To be on the safe side, always test on an inconspicuous area first.

8) How do I use The Mighty Pen to remove stickers?

The Mighty Pen will not degrade most plastic coatings on pressure sensitive stickers. Once the plastic coating is peeled off, the pen is designed to remove the adhesive residue that is left behind. However, if the solvent is applied on the edge and over the surface of the sticker, the solvent system will work it's way under the label and make it easier to peel off the plastic coating.

9) Will this product remove "Sharpie" marks/permanent marker?

This is an ideal application for The Mighty Pen. Often people are convinced that nothing will remove "that permanent marker"! And when other products are used to remove permanent marks, often the ink is incompletely removed leaving behind an image "ghost". The Mighty Pen's unique formula and chisel tip scrubs away ghost images quickly. Permanent markers of all types can be quickly removed from surfaces such as glass, metal, and ceramics. Always test on an inconspicuous surface before use for material incompatibility, such as plastics, antiglare coatings on glass, etc. Plastic surfaces and painted surfaces must be tested on an inconspicuous area prior to use.

10) Is it safe for use on wood furniture?

In many instances there should not be any problems. However, The Mighty Pen can remove the varnish that protects the wood, leaving the surface dull or matte. To be sure test on an inconspicuous surface before use. The same is true for fabrics; test for colorfastness before use.

11) Will it remove coffee stains?

Yes. Again, the primary question is what is the substrate you are cleaning. Substrates such as keyboards (made from ABS or polycarbonate usually) and painted surfaces may be a problem, and should be tested prior to use. Test on an inconspicuous surface before use.

12) What about conformal coatings?

The Mighty Pen will do an excellent job removing silicone, acrylic, and urethane conformal coatings. The best way to remove the coating is to uncap the pen, press the nib onto the surface to be cleaned until solvent flows from the pen, and rub the coating away. It is recommended to remove any excess coating buildup from the surface with a wipe. It is also recommended to press the nib onto a wipe several times to flush the nib clean.

13) Can The Mighty Pen remove tar?

The Mighty Pen can remove tar, and other difficult to remove soils. Always check on an inconspicuous area to test the material substrate compatibility — especially on painted items.

14) Is the product safe for use on rugs? What about fabrics?

The Mighty Pen can remove oil, lipstick, and other difficult to remove soils. Again, always check on an inconspicuous area to test the material compatibility. For rugs and fabrics it is best to depress the pen tip onto the stain and let the solvent flow over the soil. Gently rub the nib into the soil to break up the soil, and blot with a clean wipe. The wipe will pull the soils into it. Repeat until the soil is removed.

Frequently Asked Questions

15) What happens if I get it on my hands?

The Mighty Pen is a strong cleaner, and as such will dry out the skin. We recommend to always check the MSDS before using any chemical, and to always wear the appropriate protective equipment.

16) The Mighty Pen is listed as flammable. Why?

The Mighty Pen has a flash point below 100 degrees, and is therefore listed as flammable. This is in the same range as isopropyl alcohol (rubbing alcohol) and ethanol (Bacardi Rum151). However, the main solvent in The Mighty Pen is a terpene product (d-limonene, an ultra-purified version of orange oil) that is safely used throughout the world as a cleaning product.

17) How do I ship the product?

Whenever in doubt about the proper shipping requirements, give Bill Dowse a call at extension 130. He has supplied us with the following:

Ground: Flammable liquid n.o.s. 3 UN1993 II (d-limonene solution)
DOT regulation 173.202

Air: Flammable liquid n.o.s. 3 UN1993 II (d-limonene solution)
IATA, ICAO regulation 305
Tariff code 3814.00

For more information, contact:

ITW Chemtronics
8125 Cobb Center Drive
Kennesaw, GA 30152-4386
Tel: 800-645-5244
Fax: 800-243-6003
www.chemtronics.com

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. ITW Chemtronics does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

Sharpie® is a registered trademark of Sanford. The Mighty Liquid™ and The Mighty Pen™ are trademarks of ITW Chemtronics®.
Chemtronics® is a registered trademark of ITW Chemtronics®. ©2004 Chemtronics®. All rights reserved.