



Toll Free: 87 PERMATEX
(877-376-2839)

10 Columbus Blvd., Hartford,
Connecticut 06106

6875 Parkland Boulevard, Solon
Ohio 44139

Technical Data Sheet

Permatex® Electrical Contact Cleaner

AAM Revised 03/04

PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex® Non-Flammable Electrical Contact Cleaner is a non-conductive, fast evaporating cleaner that leaves no residue. The product is suited for cleaning electrical and electronic devices. It is designed to be an alternative to CFC-113 or HCFC's and 1,1,1-trichloroethane solvents.

TYPICAL APPLICATIONS

Used as an electrical contact cleaner to remove grease, dirt, oil, flux and other surface contaminants from sensitive electrical/electronic devices. Permatex® Non-Flammable Electrical Contact Cleaner can also be used to clean motorized instruments, control panels, electrically driven parts, motors, and other electronic devices requiring non-flammable, non-conductive low residue degreasing agents.

- Switches
- Contacts
- Relays
- PC boards
- Motors
- Sensors

DIRECTIONS FOR USE

1. Hold can 6 to 8 inches from surface to be cleaned.
2. Spray surfaces liberally.
3. The extension tube can be used to pinpoint application.
4. Allow the solvent time to evaporate until the surfaces are completely dry.

For Cleanup

1. Clean hands with Permatex® brand hand cleaners.

COMPATIBILITY

Non-Flammable Electrical Contact Cleaner is compatible with most metals, many plastics and elastomers. The following table shows the effects of the product on samples that were immersed for 30 minutes at 20°C (68°F). After removing from the solvent, each specimen was wiped dry and allowed to stand for ~30 minutes prior to testing. *Since plastics and elastomers can be formulated and manufactured to have a wide range of physical properties, it is recommended that compatibility for a particular grade or product formulation be established prior to cleaning.* The following table shows the effects of the product on various plastics and elastomers.

Non-Flammable Electrical Contact cleaner Compatibility with Plastics and Elastomers (Tested per ASTM D543-87)

Plastic/Elastomer	Ranking	Appearance
ABS	2	Attacked
Buna N	1	SI Swelling
Butyl	1	SI Swelling
Delrin	0	No Change
G-10 Epoxy	0	No Change

Neoprene	1	Swelled
Nitrile Rubber	1	Swelled
Nylon	0	No Change
Phenolic	0	No Change
Plexiglass, Acrylic (PMMA)	2	Attacked
Polycarbonate	2	Attacked
Polyethylene (HD)	0	No Change
Polyethylene (LD)	0	No Change
Polypropylene	0	No Change
PVC	2	Attacked
Ultem (polyetherimide)	0	No Change
Valox 420	0	No Change

Ranking Key

0	No visible effect; no significant weight or dimension change
1	Moderate effect on weight and dimension: no visible effect on substrate
2	Not compatible

INCOMPATIBILITIES

Non-Flammable Electrical Contact Cleaner may be incompatible with some powdered or finely divided/abraded aluminum. It is recommended that the compatibility be established prior to cleaning.

PROPERTIES OF MATERIAL

	Typical Value
Chemical Type	Halogenated Solvent
Appearance	Clear colorless liquid
Odor	Halogen
Flash Point (°F)	>200
NFPA 704 Flammability Rating	0, non-flammable
Specific Gravity	1.23

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

ORDERING INFORMATION

Part Number	Container Size
24378	15 oz. net wt. aerosol

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range.

NOTE

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. **Permatex Inc. specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Permatex, Inc. products and disclaims any liability for consequential or incidental damages of any kind, including lost profits.** This product may be covered by one or more United States or foreign patents or patent applications.