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## Technical Data Sheet

# Permatex® Electrical Contact Cleaner

INDUSTRIAL

### 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

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

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