



**Aerolube Technologies**



Technical Data Sheet

**8017 Elek-Pro**

**Moisture Displacer, Protector & Corrosion Inhibitor**

**Product Description**

Stanvac 8017 Elek-pro is an ultra thin, protective, flexible, non toxic, non flammable, dielectric, inert, electrical grade lubricant, corrosion inhibitor cum demoisturant for displacing water, improving electrical equipment performance, moisture proofing, salvaging and protecting electrical equipment, even if completely submerged or damaged by water.

Stanvac 8017 Elek-pro displaces water from wetted out insulation, electrical and electronic components due to its unique heavier than water formula that seeks water / moisture and displaces it to dry wet electrical systems by its hydrophobic, water repelling action and improves Megohm measurements and dielectric properties. It forms a clear, thin, non-drying lubricating film that penetrates deep into the minutest crevices to displace trapped moisture and leaves behind a non-conductive protective film to seal out further moisture and corrosion.

Stanvac 8017 Elek-pro prevents electrical malfunctions such as flashovers, electrical shorts, leakages, tracking caused due to formation of a conducting film of water over the surface by forming an effective barrier against moisture condensation and humidity. It is safe to use around all metals, plastics, rubbers and other electrical insulation materials and contains no silicones or any harmful ozone depleting chemicals

**Applications**

Use for cleaning, removing moisture, moisture proofing, protection and restoration of electrical equipment such as motors, relays, switches, potentiometers, solenoids, busbars, controls, ignition systems, connectors, magnets, rheostats, instruments, fuses, switchgears, terminals, transformers.

Formulated for industrial and electrical maintenance and designed for restoration and protection of potentially flood / water-damaged electrical equipment for cleaning, displacing moisture, lubricating and provide corrosion protection.

**Benefits**

- Multifunctional, non flammable formula displaces moisture, penetrates rust, protects from corrosion & cleans equipment
- Non conductive, silicone free, non gummy and non flammable formula provides superior safety
- Rapidly penetrates to displace trapped water / moisture to dry wet systems and cleans tough build-ups of grease, oil, gum, dirt, grime and contaminants to leave new, clean lubrication
- Quickly salvages and dries wet water damaged or flooded electrical equipment
- Leaves a thin, long lasting, non staining, dielectric film to prevent entry of moisture, formation of rust and oxidation
- Non-drying lubricating oil provides lasting protection and reduces friction to prevent wear to extend service life
- High performance penetration quickly frees frozen and corroded mating parts
- Excellent resistance to moisture, heat, oxygen, condensation, humidity and highly suited for problematic areas that exist due to exposure to harsh conditions
- Safe for use on metals and does not harm plastics, rubbers or other insulation materials
- Contains safe, non flammable CO<sub>2</sub> propellant
- 360° valve allows product to be sprayed in any position-even inverted

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#### **Directions for Use**

For restoring water / flood damaged electrical equipment, clean deposited contaminants such as mud, sludge, dirt, grime thoroughly by flushing or spraying with fresh clean water. If tank dip method is utilized, agitate equipment while submerged. Allow water to drain off completely and if needed blow off with air if possible.

Use Stanvac 8001 heavy duty non flammable electrical components cleaner or Stanvac 8003 precision cleaner to clean residual contamination not removed by water. Spray liberally over all contaminated surfaces to saturate completely all insulation and metal components. Allow to drain and air dry. Test for compatibility on plastics by checking on a small similar area prior to use.

Saturate all insulation and metal components with Stanvac 8017 Elek-pro by spraying liberally over the entire surface. If dipping method is employed, agitate equipment when submerged. Remove and allow to drain. For moisture displacement, spray liberally until in the runoff clear product (amber-pale straw) comes out and white milky emulsified residue is totally clear (foaming type residue disappears).

Take Megger readings after equipment has drained. If readings are not up to minimum resistance / safe operational levels, repeat application. If readings have risen above required levels, equipment is ready for use.

Spray low voltage areas with Stanvac 8007 or 8003 or 8008 precision electrical parts and contact cleaner to clean any leftover minute contaminants completely. Allow the solvents to fully dry before applying power.

#### **General**

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

#### **Available Packaging**

400 ml Aerosol Spray

#### **Shelf Life**

24 months from date of manufacture in sealed condition.

#### **Disposal**

All used and unused product should be disposed of in accordance with state regulations.

#### **Handling**

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards. Safety data sheet is available from Aerolube or your local Aerolube distributor.

#### **Limited Warranty**

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended Stanvac product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty. Product manufactured is for industrial use only.

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#### **Technical Properties\***

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Type	Electrical strength multifunctional lubricant, demoiurant cum corrosion inhibitor
Color	Reddish brown, translucent
Specific gravity @ 20°C	1.20-1.50 gm/cc (heavier than water)
Flash point – solvent	None
Flash point - residual film	+200°C
Evaporation rate (reference)	Very fast (n,butyl acetate = 1)
Residual film	Inert, self healing, thin, non staining, non toxic, flexible, protective film for sealing out entry of further moisture & corrosion
pH	NA
Vapor density	Heavier than air
Vapor pressure	>air
Type of film	Thin, non drying
Dielectric strength of film	31 KV
Water displacement test	Pass
Solubility	Nil in water
Film corrosion protection	Up to 2 years indoor Up to 6-12 months outdoor
Special properties	Durable in humid or corrosive atmospheres. Guards metal against water, water vapor, chemical fumes, dust and abrasive matter
Suitable for	All metals
Propellant	CO <sub>2</sub>

\* of active ingredients

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