Ardrox 9PR50C

Penetrant Remover/Precleaner & Light Duty Solvent

Description

Ardrox 9PR50C is a high purity solvent which is rapid drying and leaves no residue on evaporation. **Ardrox 9PR50C** does not contain aromatic or chlorinated hydrocarbon solvents and it is of relatively low toxicity. It is low in trace contaminants such as sulphur, halogen and alkali metals.

Ardrox 9PR50C has a low odour and has little effect on most paints, plastics and insulation materials.

Ardrox 9PR50C is a non halogenated precleaner and remover for use with Ardrox Red and Fluorescent Dye Penetrant Systems.

Ardrox 9PR50C is ideally suited to cleaning critical electrical switchgear circuit boards and other electrical components where cleanliness is paramount.

Ardrox 9PR50C also finds use in light duty degreasing of delicate machinery parts where water cannot be used.

Approvals

Ardrox 9PR50C is approved by the Department of the Air Force (USA) to AMS 2644, Class 2.

Conforms to the requirements of ASME Boiler and Pressure Vessel Code, Section V, Article 6.

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Method of Use

Penetrant Inspection

For precleaning operations, **Ardrox 9PR50C** is best applied by spray or it may be applied with a cloth. After suitable precleaning, penetrant application and the necessary penetrant contact time, the excess penetrant should be removed with a clean dry lint free cloth or tissue. This should be followed by wiping the surface of the part with a cloth moistened with **Ardrox 9PR50C** until all final traces of the excess penetrant are removed. The application of **Ardrox 9PR50C** with a cloth should be continued until the cloth picks up virtually no penetrant. After removal of the excess penetrant a thin even coating of developer should be applied to the components.

As an electrical cleaner

Ensure that all power to the equipment is switched off.

Components may be cleaned by wiping with a clean cloth moistened with **Ardrox 9PR50C** or by spray. When spray cleaning, start at the top of the component working downwards until clean solvent drains from the part.

The component must be completely dry and all traces of solvent vapour removed before restoring electrical power.

It is recommended that the components should be finally blown with clean dry compressed air to ensure all traces of solvent vapour have dissipated.

Effects on Materials

Ardrox 9PR50C is safe to use on all common metals including stainless and mild steels, magnesium, aluminium, copper, cadmium and titanium. **Ardrox 9PR50C** has little effect on rubbers and plastics, however this should be checked before use where such materials are likely to be encountered.

Chemical and Physical Properties

Appearance:	Clear, water – white, mobile liquid
Density:	0.75g/ml @20°C
Flash Point:	Minus 7°C (Closed Cup)

These are typical values and do not constitute a specification.

Packaging

Available in Aerosol, 5 & 20 litre containers.

Safety, Transport and Storage Information

Please refer to the Safety Data Sheet.

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