

### Scope

ARDROX 9D1 is a suspension of an inert white powder in a quick drying solvent. It has a low sulphur, halogen and alkali metal content. ARDROX 9D1 is used with any of the ARDROX range of visible penetrants.

### Chemicals required

ARDROX 9D1

ARDROX visible penetrant

ARDROX penetrant remover

### Method of use

After suitable pre-cleaning, penetrant application, penetrant removal and drying of the components, ARDROX 9D1 is applied to the components by spraying.

As ARDROX 9D1 is a suspension of finely divided powder in a solvent, it is essential that containers of the product are thoroughly agitated to disperse the settled powder completely before emptying the product into the spray container.

The material should be sprayed to give an even thin white film over the entire surface to be inspected. After application of the developer, the components must be left in contact with the product for a minimum period of 10 minutes. The components are then inspected under conditions of good lighting.

### Effects on materials

ARDROX 9D1 has no effect on most common materials of construction. It is safe to use on steel, aluminium, brass, bronze, copper, magnesium, cadmium plate and titanium. Some plastics and rubbers may be softened by prolonged contact with this material and it is advisable to check before using specific grades of these.

### Technical information

Appearance: White powder in clear colourless liquid.

Density: 0.78 g/ml at 20°C.

Flash Point: 53°C (Open Cup).

These are typical values only and do not constitute a specification.

## **Equipment materials**

Equipment/tanks should be constructed of stainless steel.

## **Safety guidance**

Before operating the process described it is important that this complete document, together with any relevant Safety Data sheets, be read and understood.

## **General information**

Chemetall PLC supplies a wide range of chemical products and associated equipment for cleaning, sanitising, descaling, paint and carbon removal, metal protection and non-destructive testing. Sales Executives are available to advise on specific problems and applications.

## **Labour and environmental protection**

All local and national regulations on the transport, storage, use and waste treatment of chemicals in concentrated or diluted form and as working solutions must be obeyed.

Further specific information on the products can be found in the EC Safety Data Sheets supplied. The user should also pay strict attention to information and hazard symbols shown on product labels.

## **Waste disposal**

All waste waters must be treated in accordance with national legislation and local regulations prior to discharge to the sewer.

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