ARDROX®

Ardrox 29

Immersion paint remover

Scope

ARDROX 29 is a diphase product consisting of a highly active acidic lower layer and an insoluble seal which forms an upper layer. It does not contain chlorinated solvents.

ARDROX 29 is used to remove the more obdurate paint schemes and coatings which are normally resistant to chlorinated based paint removers. It finds particular application in the removal of Kearsley lacquer and stoved silicone epoxy based coatings.

Chemicals required

ARDROX 29

Method of use

Components to be stripped are totally immersed at ambient temperature in the lower layer of ARDROX 29. The type and history of the paint determine the immersion period in the product. Experience has shown that immersion times of ½ - 2 hours are generally suitable.

After immersion, the components are allowed to drain, then rapidly and thoroughly rinsed by immersion in cold running water. The rinse tank must be sited in such a way that carryover of water into the ARDROX 29 is not possible. A further rinse with high pressure water using an air-water gun is then given to facilitate final removal of the paint scheme. Finally a neutralising dip in 10% v/v ARDROX 6025 is recommended followed by a further water rinse and drying. Alternatively components may be dried by immersion in either ARDROX 3961 or 3962 dewatering and protective oils.

Effects on materials

When ARDROX 29 is used in the prescribed manner no significant corrosion is likely to be encountered on aluminium, anodised aluminium, titanium and steel. In the case of high tensile steels these should be de-embrittled if treated in ARDROX 29.

Zinc, cadmium and magnesium will be rapidly attacked and should not be processed.

The product will degrade the majority of plastics and rubbers.

ARDROX 29 will become extremely corrosive to all metals if the solution is contaminated with water.

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Technical information

Appearance:	Dark brown diphase material.
Density:	Lower layer: 1.83 g/ml at 20°C.
	Upper layer: 0.88 g/ml at 20°C.
Flash Point:	Lower layer: none.
	Upper layer: 130°C.

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

Equipment materials

Lead, glass, stoneware, PTFE, unplasticised PVC or vitreous enamel are suitable materials for tank construction.

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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