

Scope

ARDROX 2106 products are non-flammable, water rinseable application type paint removers containing methylene chloride, activators, inhibitors and biodegradable surfactants. There are two viscosity grades to suit the varying requirements of international operators:-

ARDROX 2106: A low viscosity product designed for spray application.

ARDROX 2106HV: A high viscosity product, especially recommended for brush application. With suitable equipment it may also be sprayed.

Neither of the products contains phenolic materials or ammonia.

ARDROX 2106 products are versatile general purpose paint removers and depending upon the grade chosen, are suitable for both brush and spray application. These products will remove a wide range of paint schemes including alkyds, acrylics, celluloses, zinc chromate primers and some polyurethanes especially polyurethane on etch (wash) primer.

The products are water rinseable, making their removal easy and leaving a clean surface, which, after drying, is suitable for further treatment. When applied by spray, the products are particularly economical for the removal of paint from large areas.

Chemicals required

ARDROX 2106

or ARDROX 2106HV

Method of use

ARDROX 2106 products should be applied to clean, dry surfaces as follows:-

Brush application

Apply as a thick, even layer - care should be taken not to leave any dry or thinly covered areas.

Spray application

Apply as a thick, even layer using suitable spray equipment.

For the lower viscosity ARDROX 2106, a suitable 5:1 ratio airless spray unit is recommended. If spray application is required for ARDROX 2106HV, a high ratio airless spray unit should be used.

The remover should remain on the painted surface until the paint film is blistered over the whole surface. The bulk of the loosened paint can be removed with a wooden scraper, followed by rinsing with a jet of water. Alternatively it may all be removed in one operation using an air-water gun or a high pressure spray rig. Your local Chemetall representative will be able to recommend suitable equipment.

N.B. ARDROX 2106 and 2106HV must not be used in pressurised containers manufactured from, or containing, aluminium or zinc components.

Effects on materials

When ARDROX 2106 products are used in the prescribed manner no significant corrosion is likely to occur on most metals including aluminium, magnesium, steel, cadmium plated steel, copper and titanium. They have no effect on chromate or anodic oxidation coatings.

ARDROX 2106 does not cause hydrogen embrittlement.

These products will have a deleterious effect on most rubbers and plastics.

Technical information

Appearance:	Yellow, viscous liquid.
Density:	1.20 g/ml.
Viscosity:	ARDROX 2106 = 5 poise. ARDROX 2106HV = 60 poise.

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

Store in a cool dry place with the containers tightly closed.

Equipment materials

Equipment/tanks should be constructed of 316 or 320 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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