

Ardrox[®] AV 980

CIC, WAX AND GREASE REMOVER

1 Description

Ardrox AV 980 is used to remove corrosion inhibiting compounds (CIC), waxes and greases from airframes and aircraft components. It has a neutral pH, can be removed with water rinsing and is biodegradable.

Ardrox AV 980 is used for cleaning and degreasing internal and external aircraft structure and components. It can be used to remove CIC overspray in the manufacture of aircraft and for removing old or damaged CIC during aircraft maintenance and repair.

Ardrox AV 980 will not damage or affect commonly used materials within the aircraft structure, however, acrylic materials such as acrylic glazing should be masked to prevent direct contact.

Approvals & conformances

Ask your Chemetall representative for a complete list of approvals. Detailed information is also available on the Chemetall website at: www.chemetall.com

2 Physical and chemical properties

Property	Typical Value	Unit	Test Method
Density at 23°C (73°F)	790	kg/m ³	EN ISO 12185
Flash Point	113 (235)	°C (°F)	ASTM D 93 EN ISO 2719

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

3 Application

Ardrox AV 980 is applied by brush, dip or spray as appropriate to the structures and components being treated. A generous coating is recommended, using typical film thicknesses of 30 to 150 microns. Ardrox AV 980 is thixotropic and can be applied to vertical and overhead surfaces without dripping.

Ardrox AV 980 can be spray applied using the ACS System (airmix application), or the AAS System (airless application).

Contact times of 10 minutes and up to 2 hours are recommended depending on the type, age and condition of the CIC, wax or grease being removed. The optimum contact time for removal can be determined by applying Ardrox AV 980 and then checking periodically (perhaps every 10 minutes) whether the softening process is sufficiently advanced to allow clean, easy and effective removal.

If the CIC, wax or grease is particularly difficult to remove, and one application of Ardrox AV 980 is not totally effective, then another coating can be applied and the removal process repeated until the CIC, wax or grease has been completely removed.

Ardrox AV 980 and the softened CIC, wax or grease can be removed using high pressure Water rinsing (cold water at 50 to 140 bar pressure).

Operating instructions and recommendations for using spray equipment are given in the Technical Manual "Aircraft Corrosion Protection and Control" available from the local Chemetall Sales Office.

4 Shelf life, storage and disposal

Please refer to the corresponding Material Safety Data Sheets for details on shelf life, storage and disposal.

5 Labor and environmental protection

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

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.

6 General information

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

The above details have been compiled to the best of our knowledge on the basis of tests and research work and with regard to the current state of our practical experience. This technical product information is non-binding. No liabilities or guarantees deriving from or in connection with this leaflet can be imputed to us. Statements relating to possible uses of the product do not constitute a guarantee that such uses are appropriate in a particular user's case or that such uses do not infringe the patents or proprietary rights of any third party. The reproduction of any or all of the information contained in this leaflet is expressly forbidden without Chemetall's prior written consent.

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