

Description: **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.

Range of Use: **AV 980** is used for cleaning and degreasing internal and external aircraft structures 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.

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.

Application: **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. **AV 980** is thixotropic and can be applied to vertical and overhead surfaces without dripping.

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 **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 **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.

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.

Safety Information: For safety precautions and information on the safe use of this product please see: **Material Safety Data Sheet for AV 980**.

Relevant Specifications and Approvals: Detailed information is available on the Chemetall website at:
www.aerospace.chemetall.com

PHYSICAL PROPERTIES

Property	Test Method	Value		
Flash Point:	ASTMD 93 EN ISO 2719	100 °C	(212 °F)	minimum
Density at 23°C (73 °F):	EN ISO 12185	780 ± 20	kg/m ³	
Application Temperature (preferred):		>15 °C	(60 °F)	
Storage Temperature:		5 to 30 °C	(40 to 85 °F)	
Shelf Life:		36	months	

FILM PROPERTIES

Property	Test Method	Value		
Colour:	Visual	Transparent, colourless		
Recommended Film Thickness:		30 to 150	µm	
Application Time:		10 minutes to 2 hours		

Issue:2005-03-17
Supersedes issue of: 2002-09-13

® registered trademark

The above details have been compiled to the best of our knowledge on the basis of thorough tests and with regard to the current state of our long practical experience. No liabilities or guarantees deriving from or in connection with this leaflet can be imputed to us. Reproduction, in whole or in part, only with our express permission.