

## AEROSHELL COMPOUND 02

*AeroShell Compound 02 is a quick drying lanolised fluid that provides temporary protection against corrosion.*

*The specification DEF.2331A (now obsolete) covered two grades of product namely PX-1 (Dyed) and PX-1 (Undyed) and originally AeroShell Compound 02 was dyed green and thus approved to PX-1 (Dyed). Current and future supplies of AeroShell Compound 02 to DEF STAN 80-217 will be undyed.*

### APPLICATIONS

AeroShell Compound 02 is intended for general use on aircraft components and metal surfaces which are liable to corrode during storage.

AeroShell Compound 02 should be well shaken before use and may be applied by spraying, brushing or dipping. It can be removed with kerosene, gasoline, white spirit, hydrocarbon solvents or suitable alkaline cleaner.

After application, the solvent evaporates to leave a thin soft film, which hardens slightly with age. The film is not hard enough to withstand handling, and the articles should be wrapped in grease-resistant wrapping if necessary. Articles should preferably be cleaned before use to remove any grit or dirt, the film itself will normally dissolve in lubricating oil.

In many cases two coats of AeroShell Compound 02 can be used in place of the obsolete grade AeroShell Compound 01 which met specifications MIL-C-16173D and DTD.663A.

### SPECIFICATIONS

<b>U.S.</b>	Corresponding MIL-PRF-16173E Grade 2
<b>British</b>	Approved DEF STAN 80-217
<b>French</b>	Equivalent to AIR 1501
<b>Russian</b>	–
<b>NATO Code</b>	C-614
<b>Joint Service Designation</b>	PX-1

PROPERTIES	DEF STAN 80-217	TYPICAL
Flashpoint, SFCC °C	–	40
Total Solid Content @ 150°C %m	28 to 32	30
Water Content % vol	0.1 max	0.05
Relative Density @ 15.6/15.6°C	–	0.830
Film forming properties	Must pass	Passes
Drying time @ 20°C hr	–	1.0
Film thickness (dip application), microns	–	7.0