

JANUARY 1999

## TECHNICAL DATA SHEET

### STRIPPABLE PROTECTIVE COATINGS

**COVERLAC A5490** is formulated as a sprayable, strippable coating to protect metal surfaces such as aluminium in fabrications and shipment and optical glass.

Formulated to meet Boeing Aircraft specification BMS 10-52.

The dry film is extremely tough, giving the optimum in protection against scratches, corrosion and dye marks. The relatively high adhesion of COVERLAC A5490 is extremely desirable during drilling, riveting and countersinking operations.

A film thickness of 0.002" (0.05mm) is recommended for most fabricating operations. When large aircraft parts such as wing sections are being shipped or handled, a 0.005" (0.13mm) thick film is being used.

<b><u>COLOUR:</u></b>	Transparent Green
<b><u>SOLIDS:</u></b>	19.5 ± 1.0%
<b><u>VISCOSITY:</u></b>	3000 ± 250 cps
<b><u>SPECIFIC GRAVITY:</u></b>	0.903
<b><u>ADHESION:</u></b>	± 30% 180 ± 60gm/cm width
<b><u>TENSILE STRENGTH:</u></b>	2000 psi minimum 140kgs/cm <sup>2</sup>
<b><u>ELONGATION:</u></b>	200%
<b><u>DRYING TIME:</u></b>	0.002" (0.05mm) when air dried - tack free in 5 minutes, full hardness in 12 hours
<b><u>COMBUSTIBILITY:</u></b>	Dry film is non-combustible
<b><u>COVERAGE:</u></b>	100 square feet per gallon per 0.002" film. 2.6 square metres per litre per 0.05mm film.
<b><u>APPLICATION:</u></b>	These compounds are solvent-based and must be applied in a spray booth. Using a standard type of pressure spray gun such as a DeVilbiss MBC Gun, FX fluid nozzle and No.34 air cap with atomisation pressure 75-90psi (5ATM), a 2 mil (0.05mm) film can be applied by using two or three passes of the spray gun over the surface
<b><u>INFLAMMABLE LIQUID:</u></b>	Flashpoint 5°C

**GENERAL NOTE:** It is important that this product is thoroughly evaluated under production conditions before being commercially adopted (such an evaluation should incorporate a reference to ageing). The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be referred to our Technical Sales Department.

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