



# TECHNICAL DATA SHEET

MIL-L-7178A  
LACQUER COATING  
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**PRODUCT:** A durable, pigmented, high gloss lead and chromate free lacquer for spray or brush application. It has good exterior durability and gloss. MIL-L-7178A features a "HAPS" free, low VOC, formulation that conforms to air pollution regulations. This lacquer is specifically formulated as an aircraft finishing coating. The clear may be aluminized (12 ounces of TT-P-320D Aluminum Paste per gallon of clear) to obtain an excellent aluminum lacquer.

**PROPERTIES:**

COLORS.....	All Fed-Std 595B
VOC CONTENT.....	420 G/L Maximum
VISCOSITY(Reduced)#4 Ford Cup.....	Not Over 20 Sec.
SOLIDS(Weight).....	30 - 40% Minimum

**DRYING TIME AT 75 DEGREES F:**

DRY TO TOUCH:	WITHIN 10 MINUTES
DRY HARD:	WITHIN 40 MINUTES



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MIL-L-7178A  
GLOSS LACQUER COATING  
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## APPLICATION & REDUCTION:

MIL-L-7178 should only be applied by spray application due to its fast dry properties. Thin up to one pint per gallon with MIL-T-81772B Type III Thinner, or as needed for proper atomization with spray equipment. Spray one tack coat followed by one full wet coat being sure to keep a "wet edge" for maximum gloss finish. The use of MIL-C-8514C and TT-P-1757B Primers or other recommended lacquer resistant primers are normally required for use under this lacquer topcoat.

## SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application of gloss lacquer. Prime per specification requirements.

## STEEL:

Surface must be clean and free of all oil, grease and foreign material. Badly rusted or pitted steel should be cleaned by commercial sandblasting and primed the same day.

## PRECAUTIONS:

Contents are FLAMMABLE.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.