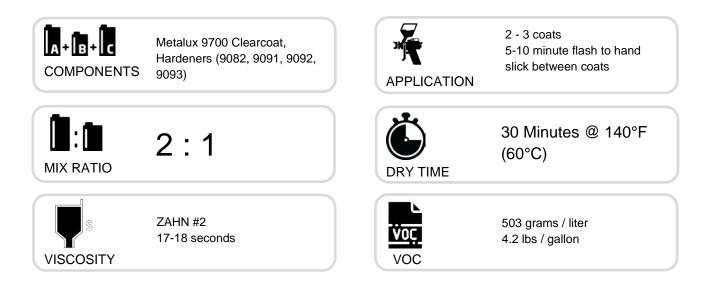


# Metalux<sup>™</sup> 9700 Clearcoat





# GENERAL

## DESCRIPTION

This two component high build VOC compliant clearcoat is designed to provide excellent gloss and flow characteristics. Metalux<sup>™</sup> 9700 Clearcoat ensures a proper film build after application of only two full coats. Specifically designed for complete resprays and panel repairs over Metalux Basecoat.

#### **COMPATIBLE COATINGS**

Compatible with Metalux primer, sealer, and clearcoat products

The products referenced herein may not be sold in your market. Please consult your distributor for product availability.



## **COMPONENTS**

Mix 2 parts Metalux 9700 Clearcoat to 1 part Metalux MS Hardeners

## Component

Component	Volume
Metalux 9700 Clearcoat	2
Metalux MS Hardeners	1
(9082 Ultra Fast, 9091 Fast, 9092 Medium, 9093 Slow)	

#### **Package Sizes**

- 1 gallon (3.75 liters)
- 1 quart (0.94 liters)

#### INITIAL APPLICATION VISCOSITY

ZAHN #2 Viscosity 17-18 seconds



#### **POT LIFE**

When mixed, 3 hours @ 77°F/25°C Note: Accelerator will shorten pot life.

#### ADDITIVE

9700 Clearcoat may be used with Axalta VS6200 Matte Base Additive to achieve matte, eggshell, and sheen gloss levels. See VS6200 Matte Base Additive TDS for complete mixing instructions.



## APPLICATION

#### **APPLICATION EQUIPMENT**

HVLP Gravity	1.3 -1.4 mm	2.0 - 2.5 (Bar)	8-10 PSI	*At the cap
High Efficiency	1.3 - 1.4 mm	2.0 - 2.5 (Bar)	27-32 PSI	At gauge

NOTE: Refer to spray gun manufacturer for further information regarding HVLP Inlet Pressures

#### SURFACE PREPARATION

Apply basecoat as needed and allow to flash 15 to 20 minutes @ 77°F/25°C.

#### **APPLICATION**

Apply 2 to 3 single coats allowing flash to hand slick (5-10 min.) between coats.

Notes:

- Cooler temperatures and thicker films may require longer flash times.
- Do not expose to rain or excessive moisture for 24 hours.
- Applying decals best after 7 days or full cure to avoid decal blistering. Applying more than 3 coats is not recommended.
- When baking, no flash time needed. Go straight to bake.

#### RECOAT

Can be recoated after 24 hours. Best after full cure (7 days @ 77°F/25°C).



## DRY TIMES

AIR DRY 77°F (25°C) Hand Slick Dust Free Hard Dry To Light Polish To Heavy Compound Force Dry Time

30 Minutes 45 Minutes 24 Hours 8 Hours 24 Hours 30 Minutes @ 140°F (60°C)



## **PHYSICAL PROPERTIES**

Recommended Film Thickness Mixed Volume Solids Theoretical Coverage Recommended Coats DFT per Coat 25-30 micron / 1.0-1.5 mils per coat, dry film 41.8% (Average) N/A 2 (x1) Approximately 1.0-1.5+ mil



#### **STORAGE CONDITIONS**

Store in a dry, well ventilated area. Storage temperatures should be between -30°F (-34°C) and 120°F (48°C).

#### PERFORMANCE PROPERTIES

Solvent Resistance

**Chemical Resistance** 

Film Hardness Impact Resistance

Flexibility Crosslinking MEK pass 100 rubs Xylene pass 1000 rubs Acid (HCl) – No effect, 6 hrs. Base (NaOH) – No effect, 6 hrs. 2H Forward – 80 in/lbs Reverse – 40 in/lbs Pass Conical Mandrel All crosslinking stop at 60°F/15°C

# **VOC REGULATED AREAS**

VOC as Applied

503 grams/liter | 4.2 lbs/gallon

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing usage and recommendations in the VOC Compliant Products Chart for your area.

## SAFETY AND HANDLING

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and SDS precautions. If mixed with other components, mixture will have hazards of all components.

Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

Revised: June 2021



In the United States and Canada: 1.855.6.AXALTA metalux.us