

04658AUX-3/04600CHA-VFG**Gray Gloss Zenthane® Plus, Fed. Std. 595 Color #16515****Per MIL-PRF-85285E, Type I****PRODUCT DESCRIPTION**

Zenthane® Plus is Hentzen Coatings' trade name for a unique line of two-component moisture curing polyurethanes. These are 2.8 lbs./gallon (336 grams/liter) VOC compliant. Zenthane® Plus polyurethanes are known for their ability to form films free of micro-blisters, especially in hot and humid conditions and still maintain long pot lives of several days. This topcoat is on current QPL for MIL-PRF-85285 and MMS 420.

HANDLING & STORAGE

The containers should be stored away from direct sunlight and heat. Freezing is not harmful if reheated gently to room temperature prior to use.

PHYSICAL CHARACTERISTICS**04658AUX-3 Gray Gloss Zenthane® Plus - Component A:**

Weight per Gallon:	10.41 lbs. ± .25
Weight Solids:	67.11% ± 1.0
Volume Solids:	50.12% ± 1.0

04600CHA-VFG Clear Activator - Component B:

Weight per Gallon:	7.42 lbs. ± .25
Weight Solids:	59.10% ± 1.0
Volume Solids:	60.99% ± 1.0

Admixed Characteristics:

Mixing Ratio:	3:1 by volume
Weight per Gallon:	9.66 lbs. ± .25
Weight Solids:	65.56% ± 1.0
Volume Solids:	52.83% ± 1.0
VOC:	<2.80#/gl.
Viscosity:	20 - 25" #2 Zahn
Theoretical Coverage - sq. ft./gl. @ 1.0 mil dry film thickness:	847.4
Useable Pot Life:	Several days if properly protected from moisture

Cure Schedule - Air Dry @ 77°F
& 50% Relative Humidity:

Dust Free:	<15 minutes
Dry to Handle:	1 hour
Full Cure:	2 - 4 days
Goss 60°:	>90

ENVIRONMENTAL REPORT

Volatile Content (Wt.%):	34.44
Organic Volatile Content (Wt.%):	26.57
Exempt Solvent Content (Wt.%):	7.87
Exempt Solvent Content (Vol.%):	9.77
VOC Minus Water:	<2.80#/gallons

DIRECTIONS FOR USE

Component A is supplied in a container that is only three quarters full. Component A should be thoroughly agitated prior to blending. After agitating Component A, mix 3 volumes of Component A to 1 volume of Component B and mix the two Components Well. The material is now ready for use. No reduction is necessary. If thinning is required, use urethane grade solvents only. Consult Hentzen's Aerospace Team for more information. Note: This product can also be activated with 04600CHA-FG or 04600CHA-SG for slower drying finishes.

PRECAUTIONS & SAFETY

- Protect from atmospheric moisture prior to application. Moisture will cause the material to skin and eventually gel.
- Do not spray without adequate ventilation.
- Read all container labels.
- Read Material Safety Data Sheet.

CLEAN-UP

Clean equipment immediately after use with 00053SST-1 or suitable urethane grade solvent.

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