

**TECHNICAL BULLETIN**

**16678AEF-LVOC/16062CEH-LVOC**  
**Two Component Gray Low Luster Epoxzen, Fed. Std. Color #36231**  
**Per MIL-PRF-22750F**

**PRODUCT DESCRIPTION**

EPOXZEN is the trade name for Hentzen's epoxy coating. This product is a two component catalyzed system that will meet or exceed the performance of MIL-PRF-22750F.

**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**16678AEF-LVOC Gray Low Luster Epoxzen - Component A:

Weight per Gallon:	11.24 lbs. $\pm$ .35
Weight Solids:	56.22% $\pm$ 1.0
Volume Solids:	43.28% $\pm$ 1.0
Viscosity:	60 - 65 KU's

16062CEH-LVOC Clear Epoxy Hardener - Component B:

Weight per Gallon:	9.24 lbs. $\pm$ .25
Weight Solids:	45.04% $\pm$ 1.0
Volume Solids:	49.09% $\pm$ 1.0
Viscosity:	35 - 45" #4 Ford

Admixed Characteristics:

Catalyzation Ratio:	3:1 by volume
Weight per Gallon:	10.74 lbs. $\pm$ .35
Weight Solids:	53.81% $\pm$ 1.0
Volume Solids:	44.13% $\pm$ 1.0
VOC:	1.80 maximum
Viscosity:	13 - 23" #4 Ford
Theoretical Coverage - sq. ft./gl. @ 1.0 mil dry film thickness:	707.9
Useable Pot Life:	Less than 70" #4 Ford Cup in 4 hours - not gelled in 8 hours
Gloss @ 60° Meter:	<5° @ 2.0 mils

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

Dry to Touch:	<4 hours
Dry Hard:	<8 hours
Recoat Up To:	72 hours
Full Resistance Properties:	7 days

**ENVIRONMENTAL REPORT**

Volatile Content (Wt.%):	46.19
Organic Volatile Content (Wt.%):	9.68
Exempt Solvent Content (Wt.%):	36.51
Exempt Solvent Content (Vol.%):	41.36
VOC Minus Water:	1.80 max.

**DIRECTIONS FOR USE**

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. Allow the admixed product 30 minutes to induct prior to spraying. No further reduction is necessary. Mix only what you will use in 4 hours. Viscosity increase will occur when admixed.

**PRECAUTIONS & SAFETY**

- Do not apply at temperatures below 50°F.
- Read all container labels.
- Read Material Safety Data Sheet.

**CLEAN-UP**

Clean equipment immediately after use with 00212SST-1 Solvent Blend or equivalent.

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