

TECHNICAL BULLETIN

16677AEF-LVOC/16062CEH-LVOC Two Component Dark Gray Low Luster Epoxzen, Fed. Std. Color #36118 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

16677AEF-LVOC Dark Gray Low Luster Epoxzen -

Component A:

Weight per Gallon:	11.17 lbs. \pm .35
Weight Solids:	55.13% \pm 1.0
Volume Solids:	43.08% \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:	10.69 lbs. \pm .35
Weight Solids:	52.94% \pm 1.0
Volume Solids:	43.98% \pm 1.0
VOC:	1.80 maximum
Viscosity:	13 - 23" #4 Ford
Theoretical Coverage - sq. ft./gl. @ 1.0 mil dry film thickness:	705.5
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.%):	47.06
Organic Volatile Content (Wt.%):	9.73
Exempt Solvent Content (Wt.%):	37.33
Exempt Solvent Content (Vol.%):	41.51
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.

July 14, 2003