

22167WEP/22170CEH**Two Component Off-White High Solids Epoxy Primer per MIL-DTL-53022E, Type IV****PRODUCT DESCRIPTION**

EPOXZEN is the trade name for Hentzen's Epoxy Coatings. This two component primer meets the requirements of MIL-DTL-53022E.

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 CHARACTERISTICS22167WEP Off-White Epoxy Primer - Component A:

Weight per Gallon:	11.85 lbs. ± .30
Weight Solids:	72.00 ± 1.00%
Volume Solids:	52.80 ± 1.00%
Viscosity:	63 - 75 KU's

22170CEH Epoxy Hardener - Component B:

Weight per Gallon:	8.01 lbs. ± .25
Weight Solids:	39.29 ± 1.00%
Volume Solids:	33.67 ± 1.00%

Admixed Characteristics:

Catalyzation Ratio:	4:1 by volume
Weight per Gallon:	11.08 lbs. ± .30
Weight Solids:	67.33 ± 1.00%
Volume Solids:	48.98 ± 1.00%
VOC:	2.80 maximum
Viscosity:	25 - 35" @ #3 Zahn

Theoretical Coverage - sq. ft./gl.

@ 1.0 mil dry film thickness: 785.6

Useable Pot Life: Approximately 4 - 6 hours to 1½ times initial viscosity. To extend the pot life, regulations permitting, some additional thinner may be required to reduce the viscosity. A fresh mixture of Component A and B could also be added to lower the pot viscosity.

Shelf Life: 18 months from date of mfg. when stored between 40°F and 80°F, in a cool dry area out of direct sunlight.

Gloss @ 60° Meter:	10 - 45 @ 1.5 mil DFT
Cure Schedule - Air Dry @ 77°F & 50% Relative Humidity:	
Set to Touch:	10 - 20 minutes
Dry Hard:	1 - 1½ hours
Dry Through:	4 hours
Recoat:	2 - 24 hours
Full Resistance Properties:	7 days
Force Cure Recommendation:	20 - 30 minutes @ 180°F

ENVIRONMENTAL REPORT

Volatile Content (Wt.%):	32.67
Organic Volatile Content (Wt.%):	19.69
Density of Organic Volatile (Wt./Gl.):	7.04
Density of Solid Content (Wt./Gl.):	15.23
Exempt Solvent Content (Wt.%):	12.98
Exempt Solvent Content (Vol.%):	20.05
VOC Minus Water:	2.80 maximum

DIRECTIONS FOR USE

Component A should be thoroughly agitated prior to blending. After agitating Component A, mix 4 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 6 hours. After that time, the product will have gained viscosity and will eventually gel. If further reduction is needed use a VOC exempt solvent such as Methyl Acetate, Tertiary Butyl Acetate or Acetone.

PRECAUTIONS & SAFETY

- Do not apply at temperatures below 50°F.
- Read all container labels.
- Read Material Safety Data Sheet.
- Keep away from open flame and sparks.

CLEAN-UP

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

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TECHNICAL BULLETIN

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