



L&A COATINGS

"Passionate about Paint"

Technical Data Sheet

Product ID: 1227EP-600 – HB HS LV Buff
Epoxy DTM Primer

Document Date: 06 Dec 2023

Product Description & Suggested Uses:

1227EP is a two component, epoxy polyamide primer designed for applications where excellent corrosion, chemical, moisture and water barrier properties are required.

Benefits Includes:

- Single Coat Direct to Metal High Build
- Low VOC & Very Low HAPS
- Very Good Corrosion Resistance
- Fast Re-coat

Typical Uses: Primer for:

- Railcar Exteriors
- Tank Exteriors
- Structural Steel
- Water Towers

Mixing and Thinning/Reducing Instructions:

Mix 1 part 1227EP EP by volume with 1 part 1227-000 Hardener. Agitate each component thoroughly before combining. If reducing or thinning is required, please contact your Love & Associates (L&A) technical service representative for instructions.

Directions for Use :

Surface must be clean, dry, sound and free of dirt, dust, grease, oils, residues, waxes, water, foreign particles, and any other contaminants that may interfere with coating adhesion and intimate contact with substrate. Steel surface preparation should meet SSPC-SP6/NACE 3. Metal surface must be 5 degrees above the dew point temperature.

1227EP is designed to be applied by airless spray, brush or roll. Airless spray @ 2500-4500 psi with 0.017-0.021 tips is recommended. If reduction is required, 5-10% with an RCT recommended solvent may be used after both components are mixed together. Pot life is 6 hours @ 75 degrees and significantly reduced at elevated temperatures. Pot life is extended with reduction.

Clean-up:

Clean all equipment immediately after use with MEK or other L&A approved solvents. Use clean solvent only. In case of spill, absorb and dispose of in accordance with local, State, and/or Federal regulations.

Typical Mixed Properties:

Color	Buff
Type	Epoxy/Polyamide
Viscosity (25°C)	80-90 KU's
Density (25°C)	10.5-11.0 lbs/gal
% Solids (by Volume)	64-66%
% Solids (by Weight)	76-78%
VOC	1.6-1.7 lbs/gal
Flash Point	17°F
Gloss	10-20°
Recommended DFT	4-6 mils (100-150 um)
Maximum DFT	12 mils (300 um)
Coverage	1043 ft ² @ 1.0 mil
Dry @ 75 degrees F	1-2 hrs to touch 3-4 hrs to handle
Recoat @ 75°F	3 hr minimum, 7 day maximum
Pot life @ 75°F	6 hrs

Packaging:

1227EP is available in one 1-gallon cans, five 5-gallon pails, 55-gallon steel drums and totes. For additional packaging options, please contact your local Love & Associates representative.

Storage & Shelf Life:

Store indoors in original, tightly sealed container out of direct sunlight between 40°F (5°C) and 100°F (38°C), 0% to 90% relative humidity. Warranted shelf life is 12 months from date of manufacture (DOM) in original unopened and properly stored container.

Safety Information:

Avoid contact with skin and use good ventilation. Wear chemically resistant gloves (nitrile are recommended) and chemical safety glasses. If skin contact is made, wash immediately with soap and water. Do not use solvents to clean skin. Refer to Safety Data Sheet for further safety and handling information.

FOR PROFESSIONAL USE ONLY
NOT FOR RESIDENTIAL USE
KEEP OUT OF REACH OF CHILDREN