



PRODUCT DATA

3146

Universal Primer

Description: A quick fast dry metal primer that was designed to have no recoat window. **3146** is an excellent choice when over-coating with a topcoat with strong solvents and "lifting" is a concern

Typical Uses: protection of mild steel where topcoat lifting of primer is a concern.

Dry Temperature Limits 160 deg F

Surface Preparation: Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching
TYPE OF APPLICATION

Application Equipment: Brush, Roller, Airless or Conventional spray. To obtain maximum edge protection and film build, spray application is recommended.

Application Conditions:

- Noncontaminated surface, free of all oil, grease, mildew, other contamination
- Dry, dust-free metal surface
- Metal temperature above 40 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 40 deg.F
- Humidity less than 90%
- Material temperature between 60 and 90 deg.F

Primer: *n/a*

Thinner: Xylene or Toulene

Clean Up Solvent: MIneral Spirits

Safe Application Conditions: Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

Finish: Flat

Color: Red Oxide

Volume Solids: 40.60 (+/-) 2%

VOC: 4.21

Flash Point: 55 degrees F

Dry Film Thickness: 1.5 - 2

Theoretical Coverage: THEORETICAL COVERAGE @ 1 mil dry:

651 sq. ft. per gallon. No loss assumed.

FLEXIBILITY: Good

IMPACT RESISTANCE: Good

ACID RESISTANCE: Good

ALKALI RESISTANCE: Good

ADHESION: Very Good

SOLVENT RESISTANCE: Good

HEAT RESISTANCE: Good

HUMIDITY RESISTANCE: Good

WATER IMMERSION: Good

SALT SPRAY RESISTANCE: Good

Shelf Life Time: 12 months +

Dry Time:

TO TOUCH 30-60 Minutes

TO HANDLE; 1-4 Hours

HARD; Overnight

TO RECOAT; Same Day

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