



# TECHNICAL DATA SHEET

TECHNICAL DATA SHEET  
MIL-P-53030B PRIMER  
WATER REDUCIBLE EPOXY  
PAGE 1 OF 2

**DESCRIPTION:** A two component, air dry, water reducible epoxy type primer for ferrous and non-ferrous metals. Compatible with chemical agent-resistant aliphatic polyurethane topcoats. Intrepid's MIL-P-53030B Primer is lead and chromate free. Meets SCAQM District Rule 1107 for volatile organic compounds content. This primer features water thinning and clean-up, but has comparable properties to many solvent base epoxy primers.

**PROPERTIES:**

COLORS..... White & Gray  
GLOSS..... Flat - Low Sheen  
VEHICLE..... Epoxy  
TOTAL SOLIDS..... 70% Min  
GLOSS..... 25% Max  
POT LIFE (@70 Degrees F, thinned)..... \*6 Hrs  
DRY-TO-TOUCH..... \*45 Minutes  
DRY HARD..... \*2 Hours  
FULL HARD..... \*24 Hours  
\*(All pot life and dry times will be affected by temperatures.)

**TYPICAL USES:**

- (1). Steel
- (2). Aluminum
- (3). Bridges
- (4). Towers
- (5). Equipment

**CHARACTERISTICS:**

- (1). Water Clean-up
- (2). Excellent Adhesion
- (3). Low V.O.C. Content
- (4). Air Dry



# TECHNICAL DATA SHEET

TECHNICAL DATA SHEET  
MIL-P-53030B PRIMER  
WATER REDUCIBLE EPOXY  
PAGE 2 OF 2

**APPLICATION & REDUCTION:** Intrepid's MIL-P-53030B can be applied by brush, roller or spray. Thin with tap water as required for application and operator preference.

**MIXING INSTRUCTIONS:** Premix both parts thoroughly before combining. Add 4 parts Part A (Pigmented Component) to 1 part Part B (Clear Component) by volume. Thoroughly mix then add tap water as required for proper flow if brushing & proper atomization if spraying. If retarder is required, add butyl cellosolve as needed not exceeding 6 ounces per kit.

**SURFACE PREPARATION:** Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, grease, cleaners, loose paint or rust. If recoating an epoxy primer, and coating has cured more than 24 hours at 77 degrees F or cannot be indented with a fingernail, a light sanding with 60-80 grit sandpaper is required for proper adhesion of the new coat.

**PRECAUTIONS:**

KEEP OUT OF REACH OF CHILDREN.

USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES.

READ MATERIAL SAFETY DATA SHEET BEFORE USING.

KEEP FROM FREEZING