



# MIL-DTL-15090E

## Light Gray

### Equipment Enamel

#### DESCRIPTION

This coating is a VOC Compliant solvent base air dry enamel suitable for use as a topcoat on equipment, machinery, furniture and electrical equipment such as switchboard installations in marine service.

This enamel is lead and chromate free and can be applied by brush or spray and is suitable for any primed metal or wood structure.

#### PERFORMANCE CHARACTERISTICS

COLORS: FS595-26307 SG Gray

GLOSS: 60° Meter: 35 - 50%

VOC:  $\leq$  2.06 lbs.gal.; 247 g/l

VISCOSITY: 52 - 68 Seconds, #3 Zahn

RECOMMENDED DFT: 1.5 to 3.0 mils

DRY TIMES: 77° F, 50% RH

-To Touch 2 Hours

-To Recoat 6 Hours

-Dry Hard 8 Hours

-Full Cure: 30 days

ADHESION: Cross Hatch Tape Pull:

-Plain Steel 100%

-Treated Aluminum 100%

-Primed Aluminum 100%



## APPLICATION INFORMATION

**THINNING RATIO:** Material is Ready-For-Use, no thinning required.

**APPLICATION:** This material may be applied by any conventional spray method including HVLP and electrostatic systems. Dry films should be in the range of 1.5 to 3.0 mils. Multiple coats may be required to achieve maximum film thickness if rolling or brushing. Spray initial tack coat followed by a full wet coat.

### RECOMMENDED PRIMERS:

For Steel: TT-P-645 or Mil-DTL-24441 For Aluminum: TT-P-645

**SURFACE PREP:** All surfaces to be coated must be free of dirt, oils, greases, polishing compounds, fingerprints, and any other foreign matter including oxidation products.

**CLEAN UP:** Clean all mixing and application equipment with Mineral Spirits immediately after use.

## SAFETY & HANDLING INFORMATION

**FIRE & EXPLOSION DATA:** In case of fire use foam, CO<sub>2</sub>, or dry chemical firefighting apparatus. The use of self-contained breathing apparatus is recommended for firefighters. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling purposes.

### HEALTH & FIRST AID:

**EYES:** Safety glasses, chemical goggles, and/or face shields are recommended to safeguard against potential eye contact. If this product comes in contact with the eyes, flush with large quantities of water for at least 15 minutes. Seek medical attention.

**SKIN:** The use of impermeable gloves is advised to prevent skin irritation on sensitive individuals. If this product comes in contact with the skin, wash with a mild soap and large quantities of water. Seek medical attention if irritation persists.

**INHALATION:** The use of respiratory protection depends on vapor concentrations above the time-weighted TLV; use a NIOSH approved cartridge respirator or gas mask. If breathing difficulties, dizziness, or lightheadedness occur when working in areas with high vapor concentrations, seek fresh air. If difficult breathing continues, administer oxygen until medical assistance can be rendered. If breathing stops, begin artificial respiration and seek medical attention.

**HANDLING:** General mechanical ventilation may be sufficient to keep vapor concentrations within specified TLV ranges. If general ventilation proves inadequate, supplemental local exhaust may be required. Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation, and sufficiently ground containers when transferring this material. Dispose of this product in accordance with applicable local, county, state, and federal regulations.