



# Love & Associates

MANUFACTURERS OF  
INDUSTRIAL COATINGS

TECHNICAL  
DATA SHEET

## 29 – 86 GRAY INHIBITIVE UNIVERSAL/TIE COAT PRIMER

**DESCRIPTION:** 29 – 86 Gray Inhibitive Universal/Tie Coat Primer provides excellent corrosion protection of steel surfaces and can be top coated with alkyds, epoxies, or polyurethanes. 29 – 86 Gray Inhibitive Universal/Tie Coat Primer is formulated with a corrosion inhibiting pigment that helps protect steel surfaces even in harsh marine environments. 29 – 86 Gray Inhibitive Universal/Tie Coat Primer produces a very smooth surface which makes it suitable as an automotive primer.

### TYPICAL USES INCLUDE

Storage Tanks and Piping      Marine Vessels      Automobiles  
Structural Steel and Bridges      Machinery and Equipment      Buildings, Trucks, and Trailers

### TYPICAL PHYSICAL PROPERTIES:

<b>COLOR:</b>	Gray	<b>RECOMMENDED D.F.T.:</b>	1.5 – 2 mils
<b>COMPONENTS:</b>	One	<b>DRY TIME:</b>	@ 77° F, 55% R.H.
<b>GLOSS:</b>	Flat	To Touch:	15 - 20 Minutes
<b>MIXING RATIO (BY VOL.):</b>	N/A	To Handle:	2 Hours
<b>WT./GALLON:</b>	10.9 lbs	To Recoat:	3 Hours
<b>POT LIFE:</b>	N/A	<b>THINNING:</b>	Spray: T-42
<b>VISCOSITY AT 77° F:</b>	68 KU	<b>APPLICATION METHODS:</b>	Spray, Dip, Electrostatic Spray
<b>SHELF LIFE:</b>	2 Years	<b>FILM THICKNESS:</b>	
<b>SOLIDS BY WEIGHT:</b>	60%	Wet:	3.5 – 5.0 mils
<b>TEMP. RESISTANCE:</b>	200° F	Dry:	1.5 – 2.0 mils
<b>SOLIDS BY VOLUME:</b>	40%	<b>APPLICATION EQUIPMENT:</b>	
<b>CHEM. RESISTANCE:</b>	Moderate	CONVENTIONAL:	DeVilbiss 510 Gun D Tip + Needle, 704 Air Cap
<b>THEORETICAL COVERAGE:</b>		AIRLESS:	Graco 30:1 Pump 613 Tip or equivalent
	640 ft <sup>2</sup> /gal @ 1 mil dft	<b>CLEANING OF EQUIPMENT:</b>	
<b>FLASH POINT:</b>	81° F, TCC	T-42	
<b>V.O.C.:</b>	4.3 lbs/gal		

**PACKAGING:**

1 Gallon Cans                      5 Gallon Pails                      55 Gallon Drums

**APPLICATION CONDITIONS:**

Surface should be dry, above 40° F and at least 5° F above the dew point.

**SURFACE PREPARATION:**

Remove all grease, oil, dirt, dust or other contaminants.

PREFERRED: SSPC-SP6 Commercial Blast Cleaning

CORROSIVE: SSPC-SP10 Near White Metal Blast Cleaning

MINIMUM: SSPC-SP2 and 3 Hand and Power Tool Cleaning

**PREVIOUSLY PAINTED SURFACES:**

Remove all grease, oil, dirt, dust or other contaminants by Hand or Power Tool Cleaning. Surface must be clean and dry, SSPC-SP2 or 3 or Brush-Off Blast Cleaning SSPC-SP7. Spot prime all bare areas.

**RECOMMENDED TOP COAT:**

13, 14 – Series Enamel Topcoats

Epoxy Topcoats

Polyurethane Topcoats

**SAFETY INFORMATION****DOT CLASSIFICATION: PAINT UN 1263**

**DANGER:** Causes eye burns and skin irritation. Vapor harmful. Dried film of this paint may be harmful if eaten or chewed. Contains organic solvent. Do not get in eyes, on skin or on clothing. Wear eye protective equipment when handling. Keep away from heat, sparks, and flame. Avoid breathing vapor or mist. Wash thoroughly after handling. Wear appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor/mist levels are below applicable level. Follow respirator manufacturer's directions for use. Keep container closed. Keep out of reach of children.

**FIRST AID:** IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. FOR SKIN CONTACT, FLUSH WITH WATER AND WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH, AND CALL A PHYSICIAN.

**NOTICE:** Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or **fatal**.



**FOR INDUSTRIAL USE ONLY**