



LOVE & ASSOCIATES

MANUFACTURERS OF
INDUSTRIAL COATINGS

TECHNICAL
DATA SHEET

14 – SERIES F/D ALKYD ENAMELS

DESCRIPTION: 14 – Series F/D Enamels are very fast dry enamels sometimes referred to as oilfield or shop coat enamels. The 14 – Series F/D Enamels are formulated to provide the gloss and general appearance of standard enamels while providing cost reductions through faster handling and output of coated products. Dry times can be further modified to compete with nitro-cellulose and Acrylic Lacquers. They provide good color and gloss retention on exterior exposure.

TYPICAL USES INCLUDE

Storage Tanks and Piping
Machinery and Equipment

Structural Steel
Railroads

Cranes and Lift Equipment
Buildings, Trucks and Trailers

TYPICAL PHYSICAL PROPERTIES:

COLOR:	All standard colors	RECOMMENDED D.F.T.:	1.5 –2 mils
COMPONENTS:	One	DRY TIME:	@ 77° F., 55% R.H.
GLOSS:	Full	To Touch:	10 - 15 Minutes
MIXING RATIO (BY VOL.):	N/A	To Handle:	2 Hours
W.T./GALLON:	10.0 lbs	To Recoat:	1-2 Hours
POT LIFE:	N/A	THINNING: Brush:	T-43 (not normally recommended)
VISCOSITY AT 77° F:	68 KU	Spray:	T-42 or Xylene
SHELF LIFE:	3 Years	APPLICATION METHODS:	Spray, Dip, Electrostatic Spray
SOLIDS BY WEIGHT:	54%	FILM THICKNESS:	
TEMP. RESISTANCE:	225° F	Wet:	4.5 mils
SOLIDS BY VOLUME:	36%	Dry:	1.5 mils
CHEM. RESISTANCE:	Moderate	APPLICATION EQUIPMENT:	
THEORETICAL COVERAGE:	560 ft ² /gal @ 1 mil dft	CONVENTIONAL:	DeVilbiss 510 Gun E Tip + Needle, 704 Air Gap
FLASH POINT:	75° F, TCC	AIRLESS:	Graco 30:1 Pump, 613 Tip or equivalent
		CLEANING OF EQUIPMENT:	T-42 or Xylene

**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

NORMAL SERVICE: SSPC-SP2 and 3 Hand and Power Tool Cleaning.

CORROSIVE SERVICE: SSPC-SP6 or 10 Commercial or Near White Metal Blast Cleaning. Use inhibitive primer such as 19 or 29 Series prior to top coating.

PREVIOUSLY PAINTED SURFACES:

Remove all grease, oil, dirt, dust or other contaminants. Surface must be clean and dry, SSPC-SP2 or 3 or SSPC-SP7. Spot prime bare areas before coating.

RECOMMENDED PRIMER/TOP COAT:

19 or 29 Series Inhibitive Primers

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. Where products contain lead, do not use in dwellings or on surfaces accessible to children. 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 LAUNDRY 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