



PRODUCT DATA SHEET

12 Series

High Solids Acrylic Enamel

PRODUCT DESCRIPTION:

An extremely durable, high gloss, corrosion resistant coating.

INTENDED USES:

Recommended for OEM, heavy equipment, marine and industrial structures where abrasion resistance, color and gloss retention is required.

PHYSICAL PROPERTIES:

Vehicle Type:	Acrylic
Color:	Made to order
Finish:	High Gloss
Solids	
By Volume:	34% Avg. (+/-2%)
By Weight:	32% Avg.
Viscosity:	60-65 Krebs Unit
V.O.C.	3.5 lbs. per gal / 420 grams per litre
Pot Life	6 hours if catalyzed
Recommended Dry Film Thickness:	2-3 mils
Theoretical Coverage:	250-375 sq.ft. per gal.

DRY TIME @ 77° F / 50% relative humidity or less, 3 mils wet film thickness.

Tack Free	20 mins
Handle	1 hr.
Recoat	Up to 2 hrs / after 24hrs.

Paint film does not fully cure for 7 days, above dry times will vary depending on film thickness, color and environmental conditions.

NOTE: 12 Series Acrylic/Alkyd meets V.O.C. requirements for A.I.M. Coatings.

SURFACE PREPARATION:

Surfaces that are to be coated must be clean, dry and free of surface contaminants.

THINNING: Do not exceed regulatory limits

Brush/Roll – Not normally required, recommended no more than 10% reduction with T8004 Xylene Reducer.

Airless Spray – If required 5-10% of T8004 Xylene Reducer (½ pint per gallon)

Conventional – Reduce up to 20% or as needed with T8004 Xylene Reducer.

Catalyzing:

12 Series Acrylic Enamel can be mixed with 11LG000 urethane catalysts to improve color, gloss and film toughness. Mix ratio is 8% by weight or up to 9oz. in a full gallon, pot life after activation is 6 hours at 75°F.

APPLICATION:

Airless – recommended tip sizes (.015-.018)

Conventional – Binks Model 2001 or equivalent

HVLP – Binks Model Mach 1

Brush/Roll – Small areas only

PRIMER:

42 Series Phenolic Alkyd

69 Series High Solids Q.D. Alkyd

52 Series Epoxy Mastic

CLEANING UP:

Xylene, MEK

ORDERING:

These products are available in 1 and 5 gallons kits

Shelf-Life:

Solvent Based Alkyds and Acrylics:

12 months from date of manufacture to meet original QC specifications.

*factory sealed containers stored under normal warehouse conditions.

“Practical” shelf life of oil based paints can be up to 2 to 3 years if container has not been opened.

COMPLIANCE: Federal Regulations

RULE	CATEGORY	MAXIMUM LEVELS	COMPLIANT
NESHAP	High Gloss	420 g/l	Yes
Automobile Refinishing	Single Stage Top Coat	600 g/l	Yes
AIM	Industrial Maintenance	450 g/l	Yes

SAFETY:

Products are intended for industrial use only, improper handling and misuse may be hazardous.

Please refer to the Material Safety Data Sheets for more detail safety information.

NOTE:

This information is based on technical data that we believe to be accurate and reliable and is intended to be used by persons having the knowledge and skill to apply these coating properly. We assume no responsibility for results or damages incurred from their use by the Buyer in whole or in part.

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