

INTRODUCTION

SETAL 11-1492 is a chain-stopped soybean oil alkyd resin for use in the manufacture of general industrial air dry or force dry (160 - 180°F surface temperature) enamels. SETAL 11-1492 is a quick-curing resin similar to SETAL 11-1390, but has lower initial viscosity and higher tolerance for aliphatic solvents.

TYPE

Chain-stopped alkyd

FORM OF DELIVERY (F.O.D.)

50% non-volatile in xylene

PRODUCT DATA

Non-Volatile, by wt:	50.0 ± 1.0 %
Viscosity (77° F) :	U - W Gardner – Holdt
Color:	6 maximum Gardner
Acid value, on solids:	10 maximum mg KOH/gm
Appearance :	Clean, clear and free from extraneous matter
Density:	8.20 ± 0.10 lbs/gal
HEW on n.v.:	570
Flash Point:	80° F Setflash
Reduced viscosity:	B – E Gardner – Holdt @ 40% n.v. in xylene
Non-volatile, by vol:	43.4%

PERFORMANCE HIGHLIGHTS

- Positive dry with good film hardness
- Good color and color retention, gloss retention in exterior paints
- Good solvent tolerance and good compatibility

SUGGESTED USES

- Excellent vehicle for formulation of industrial metal enamels force dry, air dry and bake
- Modifier for short bake alkyds to speed up cure, maintain cost
- Modify with flexibilizer SETAL 11-2457 to resist chipping and fracture

STORAGE

At temperatures up to 100°F storage stability packed in original containers amounts for 2 years.

PRECAUTIONS

Before using SETAL 11-1492, see the Safety Data Sheet (SDS) for information on the identified hazards of the material and the recommended personal protective equipment and procedures.

STORAGE AND HANDLING

Care should be taken not to expose the product to high temperature conditions, direct sunlight, ignition sources, oxidizing agents, alkalis or acids. Storage and handling should be in stainless steel, amber glass, amber polyethylene or baked phenolic lined containers. Wash thoroughly after handling. Keep container tightly closed. Use with adequate ventilation. See the SDS for the recommended storage temperature range for SETAL 11-1492.