

INTRODUCTION

SETAL 51-1492 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 51-1492 is a quick-curing resin similar to SETAL 11-1390, but a lower HAPs version.

TYPE

Chain-stopped alkyd solution

FORM OF DELIVERY (F.O.D.)

60% non-volatile in t-butyl acetate/ aromatic 100/ n-butyl acetate
Ratio of solvents: 84/ 8/ 8 pbw

PRODUCT DATA

Non-Volatile, by wt:	60.0 ± 1.0 %
Viscosity (77° F):	Z – Z2 Gardner – Holdt
Color:	7 maximum Gardner
Acid value, on n.v.:	12 maximum mg KOH/g
Appearance:	Clean, clear and free from extraneous matter
Density:	8.55 ± 0.10 lbs/gal
HEW on n.v :	570
Non-volatiles, by vol:	52.7%
Flash point:	62° F Setaflash
VOC content (EPA):	0.917 lbs/gal (109 g/l)
Reduced viscosity:	K – O Gardner – Holdt @ 50% n.v. in t-butyl acetate

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
- Fast-drying topcoat with good exterior durability
- Topcoats for agricultural implements, construction, and heavy equipment end uses

STORAGE

In the original sealed containers, this product is stable for two years at temperatures up to 100°F.

PRECAUTIONS

Before using SETAL 51-1492, 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 51-1492.