

INTRODUCTION

SETAL 21-1491 is a premium high solids chain-stopped alkyd for use in the manufacture of coatings that must comply with VOC levels of 3.5 lbs / gallon or lower. Coatings based upon this resin are characterized by high specular gloss, very fast dry, good color retention, and excellent exterior durability. SETAL 21-1491 reduces rapidly with aromatic solvents to provide low VOC paint requirements. HAPs free versions of this product are SETAL 21-1495 and SETAL 21-1497.

TYPE

Chain-stopped alkyd resin

FORM OF DELIVERY (F.O.D.)

75% non-volatile in MIBK/ MPK/ xylene
Ratio of solvents: 50 / 44 / 6 pbw

PRODUCT DATA

Non-volatile, by weight:	75.0 ± 1.5 %
Viscosity, 77° F:	Z1 – Z3 Gardner – Holdt
Acid value, on n.v.:	12 maximum mg KOH/g
Color:	8 maximum Gardner
Appearance:	Clean, clear & free from extraneous matter
Density:	8.70 ± 0.10 lbs/gal
Flash point:	46° F TCC
Non-volatiles, by vol.:	67.7%
Reduced viscosity:	J – M Gardner – Holdt @ 60% in xylene

PERFORMANCE HIGHLIGHTS

- Formulates to 3.5 lbs / gallon without the use of exempt solvents
- Very fast dry with excellent gloss development
- Excellent exterior durability and color retention
- Blends well with high solids medium oil alkyds

SUGGESTED USES

- Industrial air-dry, force-dry (~180°F surface temperature) and bake enamels for metal
- Automotive refinish and rail car enamels
- High solids maintenance and marine finishes

STORAGE

In the original sealed containers, this product is stable for 2 years at temperatures up to 100°F

PRECAUTIONS

Before using SETAL 21-1491, 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 21-1491.