

SETYRENE[®] 13-1807



INTRODUCTION

SETYRENE 13-1807 resin solution is a copolymer of styrene and a soya / dehydrated castor oil alkyl designed for fast air-dry with good adhesion, flexibility and durability properties.

TYPE

Styrenated co-polymer alkyl

FORM OF DELIVERY (F.O.D)

50% non-volatile in VM&P naphtha/toluene/n-butyl acetate/xylene
Ratio of solvents: 67 / 14 / 14 / 5 pbw

PRODUCT DATA

Non-Volatile, by wt:	50.0 ± 1.0 %
Viscosity (77° F):	X – Z Gardner – Holdt
Color:	6 maximum Gardner
Acid value, on solids:	10 maximum mg KOH/g
Appearance :	Clean, clear and free from extraneous matter
Density:	7.60 ± 0.10 lbs/gal
Reduced viscosity:	E – G Gardner – Holdt @ 40% in xylene
Non-volatiles, by vol:	41.6%
Flash Point:	45° F Setaflash

PERFORMANCE HIGHLIGHTS

1. Recommended for formulating fast dry glossy and semi-gloss enamels and sealers
2. Dries more slowly than SETYRENE 13-1405 but is correspondingly more flexible when fully cured
3. May be used when bake schedules are marginal
4. Used when greater toughness and flexibility is required and force dry conditions are available

SUGGESTED USES

1. Toys
2. Metal furniture
3. Hardware and metal or hardboard parts

STORAGE

At temperatures up to 100°F storage stability packed in original containers amounts for 1 year.

PRECAUTIONS

Before using SETYRENE 13-1807, 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 SETYRENE 13-1807.