

INTRODUCTION

SETAL 18-1127 is a high quality oil modified epoxy ester resin recommended for general use in varnishes, pigmented enamels and primers. SETAL 18-1127 is especially suited for uses requiring outstanding adhesion, alkali resistance, chemical resistance and corrosion resistance. This resin is also suitable for coatings on wood, metal or concrete surface.

TYPE

Oil modified epoxy ester resin

FORM OF DELIVERY (F.O.D.)

60% non-volatile in mineral spirits

PRODUCT DATA

| | |
|-----------------------|--|
| Non-Volatile, by wt: | 60 ± 1.0 % |
| Viscosity (77° F): | Y – Z1 Gardner – Holdt |
| Color: | 6 maximum Gardner |
| Acid value, on n.v.: | 10 maximum mg KOH/g |
| Appearance : | Clean, clear and free from extraneous matter |
| Density: | 7.65 ± 0.10 lbs/gal |
| Flash Point: | 102° F Setaflash |
| Reduced viscosity: | H – J Gardner – Holdt @ 40% in mineral spirits |
| Non-volatile, by vol: | 52.5% |

PERFORMANCE HIGHLIGHTS

- Moderately fast cure for air-dry, bake or force-dry (~ 180°F surface temperature) cures
- Good corrosion resistance and adhesion
- Good film properties with proper cure

SUGGESTED USES

- Broad spectrum metal primers and enamels
- Corrosion protection of finished foundry parts
- Zinc-rich primer vehicle

STORAGE

In the original sealed containers, this product is stable for 18 months at temperatures up to 100°F.

PRECAUTIONS

Before using SETAL 18-1127, 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 18-1127.