

INTRODUCTION

SETALUX® 17-1453 is used in combination with an epoxy functional acrylic resin (SETALUX® 27-1435) for making the non-isocyanate “AA” topcoat system. This “AA” system provides fast dry, high gloss, good outdoor durability with good mechanical properties.

TYPE

Amine Functional Acrylic Resin

FORM OF DELIVERY (F.O.D.)

55% non-volatile in methyl n-amyl ketone

PRODUCT DATA

| | |
|-----------------------|--|
| Non-Volatile, by wt.: | 55.0 ± 1.0 % |
| Viscosity (77° F): | S – U Gardner Holdt |
| Acid value, on n.v.: | 14 - 18 mg KOH/g |
| Color: | 5 maximum Gardner |
| Appearance: | clean, clear and free from extraneous matter |
| Amine eq. wt.: | 655 on n.v. |
| Density: | 8.00 ± 0.10 lbs/gal |
| Flash Point: | 102° F Setafash |
| Non-volatile, by vol: | 47.0% |

PERFORMANCE HIGHLIGHTS

- Fast air dry and force dry (160-180°F surface temperature systems)
- Excellent pot life; may use paint from prior day
- Excellent outdoor durability
- Low VOC enamels at <3.5 lb.
- Low toxicity properties

SUGGESTED USES

- Non-isocyanate industrial paints and repair systems
- Non-isocyanate finishes for plastics

STORAGE

At temperatures up to 100°F storage stability packed in original containers amounts for 3 years.

PRECAUTIONS

Before using SETALUX® 17-1453, 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 SETALUX® 17-1453. Please refer to the allnex Guide to Safety and Handling of Acrylate Oligomers and Monomers for additional information on the safe handling of acrylates.