

INTRODUCTION

SETALUX 17-1198 is an acrylic polyol with 4.2% OH. When SETALUX 17-1198 is used in combination with aliphatic isocyanates it exhibits good exterior durability, good build and gloss, high end hardness and good adhesion results on metallic base coats.

TYPE

Acrylic Polyol

FORM OF DELIVERY (F.O.D.)

70% non-volatile in n-butyl acetate

PRODUCT DATA

Non-Volatile, by wt:	70.0 ± 1.0 %
Viscosity (23° C):	Z4+ - Z6- Gardner – Holdt
Viscosity (23° C) Brookfield:	8000 – 14000 cps
Acid value (on n.v.):	6 – 13 mg KOH/g
Color:	50 maximum APHA
Appearance:	Clean, clear and free from extraneous matter
Density:	8.75 ± 0.10 lbs/gal
HEW on n.v.:	400
Flash Point:	78° F Setaflash
Non-volatile, by vol:	64.3%

PERFORMANCE HIGHLIGHTS

- Good exterior durability
- Good build and gloss
- Adhesion to metal base coats

SUGGESTED USES

- Clearcoats and solids color enamels for vehicle refinish
- Industrial topcoats

STORAGE

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

CURING WITH POLYISOCYANATES

Based on 100% conversion of reactive groups the following equation can be used to calculate the quantity of polyisocyanate needed for crosslinking 100 parts (Setalux 17-1198) (on solids):

$$\text{Polyisocyanate (f.o.d.)} = \frac{42 \times 100 \times \text{OH\% (solid resin)}}{17 \times \text{NCO\% (f.o.d.)}}$$

42 = molecular weight of the NCO-group

17 = molecular weight of the OH-group

Anhydrous solvents as well as solvents free of hydroxyl functional groups should be used in the presence of polyisocyanates, as dilution solvents.

PRECAUTIONS

Before using SETALUX 17-1198, 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 17-1198.