

EPOXY ACRYLATE

FORM OF DELIVERY (F.O.D.)

65 % in tripropylene glycol diacrylate (65TPGDA)

PRODUCT DATA

Determined per batch :

Dynamic Viscosity DIN EN ISO 3219

Typical value, mPa.s 18000

(20 1/s; 25°C)

Iodine Colour Number DIN 6162

Iodine colour number ≤ 15

Acid Value DIN EN ISO 3682

Acid value (f.o.d.), mg KOH/g ≤ 8

Not continually determined :

Density (Liquids) DIN 53217-3

Density (approx. 20°C), g/cm³ 1.15

Flash Point (Pensky-Martens) DIN EN 22719

Flash point (approx. °C) > 100

SPECIAL PROPERTIES AND USES

- High reactivity and hardness,
- Very good gloss and excellent adhesion on various substrates.
- Good corrosion resistance

SUGGESTED USES

EBECRYL® 3416 is an UV curable highly reactive epoxy acrylate, which may be cross-linked with suitable reactive diluters to especially durable, hard elastic and chemically resistant paint films of high quality. In conjunction with EBECRYL® 171 it is used for metal coatings with excellent adhesion and corrosion resistance.

For UV curing a suitable photoinitiator must be added. The addition level depends on the belt speed, number and type of lamps, colour and thickness of the paint film.

STORAGE

It is recommended that this product be stored at temperatures below 25°C under the exclusion of light. The stability of EBECRYL® 3416 packed in the original containers is only guaranteed for 2 years.

STATUTORY LABELING

Please refer to Safety Data Sheet.