

### TYPE

Thermosetting, self-crosslinking acrylic resin

### FORM OF DELIVERY (f.o.d.)

50 % in butanol / solvent naphtha 180/210 (50BSNB)

### SPECIAL PROPERTIES AND USE

Top quality single coats for domestic appliance.  
Clear and pigmented exterior coatings for cans.  
Great hardness combined with good flexibility.  
Excellent chemical resistance.

### PRODUCT DATA

#### Determined per batch:

#### Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity [mPa.s] 1600 - 2400  
(25 1/s; 23 °C)

#### Iodine Colour Number DIN 6162

iodine colour number <= 4

#### Acid Value DIN EN ISO 2114

acid value [mg KOH/g] 13 - 16  
(non volatile matter)

#### Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 48 - 52  
(1 h; 125 °C; 1 g)

#### Not continually determined:

#### Density (Liquids) DIN EN ISO 2811-2

density [g/cm³] 0,95  
approx.  
(20 °C)

#### Flash Point DIN EN ISO 1523

flash point [°C] 35  
approx.

### DILUTABILITY

white spirit	⊙	methoxypropyl acetate	●
xylene	●	butyl acetate	●
solvent naphtha 180/210	●	methoxy propanol	●
trichloroethylen	●	ethanol	⊙
acetone	●	butanol	●

● = unlimited dilutability      ⊙ = limited dilutability  
⊙ = substantial dilutability      ○ = very limited or no dilutability

### SUGGESTED USES

Viacryl SC 444 is an acrylic resin designed as sole binder in the formulation of clear or pigmented industrial paints.  
Recommended stoving schedule: 20 - 30 minutes at 170 - 180 °C.

Domestic appliances, like refrigerators, washing machines can be coated with Viacryl SC 444 single coats, since it yields films with very great hardness and outstanding flexibility.

Co-employment of low molecular weight epoxy resins increase flexibility and chemical resistance.

A wide range of possibilities are offered when it is used as a clear and pigmented exterior coating for cans.

### STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

