

# CRAYVALLAC® FLOW-450

High performance polyacrylate based flow and leveling agent for the control of surface properties

## Polyacrylate

### TYPICAL CHARACTERISTICS

|                              |                      |
|------------------------------|----------------------|
| Nature                       | <b>Polyacrylate</b>  |
| Appearance                   | <b>Clear liquid</b>  |
| Solid Content (%)            | <b>52</b>            |
| Active Content (%)           | <b>52</b>            |
| Brookfield viscosity (mPa.s) | <b>100-500</b>       |
| Specific gravity             | <b>0.95</b>          |
| Solvent                      | <b>Butyl Acetate</b> |

### DESCRIPTION

CRAYVALLAC® FLOW-450 is used to improve flow and eliminate air entrapment, orange peel, pinholes, craters and other surface defects. It is an additive based on polyacrylate technology to provide excellent ageing resistance to coatings. CRAYVALLAC® FLOW-450 is also used as an adhesion promoter additive with excellent performance. CRAYVALLAC® FLOW-450 can furthermore successfully substitute classical defoamers within a formulation, demonstrating combined performance in terms of leveling and defoaming. CRAYVALLAC® FLOW-450 is easily incorporated into formulations due to its wide compatibility in most solvents. It is recommended to incorporate CRAYVALLAC® FLOW-450 in the mill-base in order to get maximum efficiency in terms of air release properties.

### STANDARD PACKAGING

Other packaging may be available upon request

- 190 Kg Drum

### HANDLING & STORAGE

It should be stored in the original containers in a dry place at temperatures between 5°C (41°F) and 30°C (86°F). Avoid exposure to direct sunlight or frost. In these conditions, this product should be used within 24 months from production.

### HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

### MARKET

#### Coatings & Inks

- Graphic Arts
- Industrial Coating
- Textile & Leather Coating
- Inks

### KEY BENEFITS

#### FORMULATION

- **Post addition**
- **Ready to use**
- **Easy handling**



#### APPLICATION

- **Air release**



#### FILM PROPERTIES

- **Gloss**
- **Levelling**
- **Defects reduction**



- **APEO free**
- **Bacteria resistance**
- **Heavy metal free**

**Yes**  
**Yes**  
**Yes**