

## ION COATING

### Physical and chemical properties

#### Information on basic physical and chemical properties

**Appearance:**

**Physical state:** Liquid  
**Colour:** refer to label

**Odour:** characteristic

**Odour threshold:** not applicable

**pH at 20 °C:** not applicable

**Melting point/freezing point:** < -25 °C  
Source: Xylene

**Initial boiling point and boiling range:** 126 °C  
Source: n-butyl acetate

**Flash point:** 24 °C  
Method: DIN 53213

**Evaporation rate:** not applicable

**flammability**

**Burning time (s):** not applicable

**Upper/lower flammability or explosive limits:**

**Lower explosion limit:** 0.6 Vol-%  
Source: 2-(2-butoxyethoxy)ethyl acetate

**Upper explosion limit:** 10.8 Vol-%  
Source: 2-methoxy-1-methylethyl acetate

**Vapour pressure at 20 °C:** 13 mbar  
Source: n-butyl acetate

**Vapour density:** not applicable

**Relative density:**  
**Density at 20 °C:** 1.04 g/cm<sup>3</sup>

**Solubility(ies):**  
**Water solubility (g/L) at 20 °C:** insoluble

**Partition coefficient: n-octanol/water:** see section 12

**Auto-ignition temperature:** 272 °C  
Source: 2-methoxy-1-methylethyl acetate

**Decomposition temperature:** not applicable

**Viscosity at 20 °C:** 60 s 4 mm  
Method: DIN 53211

**Explosive properties:** not applicable

**Oxidising properties:** not applicable

**Other information**

**Solid content (%):** 38 Wt %

**solvent content:**

**Organic solvents:** 61 Wt %

**Water:** 0 Wt %

**Solvent separation test (%):** < 3 Wt % (ADR/RID)