Ethyl-3-Ethoxy-Propionate

EEP

Ethyl-Ethoxy-Propionate (CAS 763-69-9) is a high performance solvent showing excellent solvency. It perfectly fits to many applications and may easily replace other common solvents (such as NMP, Glycol-Ethers, Ether-Acetates and many more).

The Propionyl-group in the middle of the linear structure of this ether-ester provides EEP with a number of advantageous properties which cannot be found in such combination in other solvents. Unlike many other solvents it is rated as non-hazardous to people and environment.

Parameters	
Appearance	Clear, transparent liquid
Purity	min. 99.0 %
Moisture	max. 0.30 %
Acidity (Acetic Acid)	max. 0.02 %
Colour	max. 5 hazen
Boling point	~ 170 °C
Refractive Index	1.406 – 1.408
Density @ 20 °C	0.9496 kg/l

EEP's main features

- Very low evaporation
- Excellent solvent activity
- Very mild and pleasant odor
- High electrical resistance
- Low surface tension
- Low water solubility
- High blush resistance
- Readily biodegradable
- Provides excellent film-formation as well as
- excellent flow and levelling properties
- Excellent coatings release
- Non-HAP (hazardous air pollutant)

Recommended applications of EEP

- OEM-automotive coatings (base and top coats)
- Industrial coatings
- Automotive refinish coatings
- Can and coil coatings
- Marine paints
- Furniture varnish
- Plastic coatings
- Paint strippers
- Anti graffitis
- Radiation-cured coatings
- Inks (printing, ink-jet, ball point)
- Letdown-solvent for high solid resins
- Polymerization solvent for (high solid) acrylic resins
- and many more…

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