



## Technical Data Sheet (TDS)

1. Product Name: 2-Hydroxyethyl acrylate
2. Synonym: 2-HEA, 2-Hydroxyethylester kyseliny akrylove
3. CAS No.: 818-61-1
4. EINECS: 212-454-9
5. Abb: HEA
6. MF: C5H8O3
7. MW: 116.12

Production process: it is produced by esterification reaction of acrylic acid and ethylene oxide under the effect of catalyst and inhibitor

Chemical property: Colorless and transparent liquid, flammable, soluble in water, and soluble in ordinary organic solvents, low viscosity, good attenuant effort, could react in thermal curing and UV curing.

### 8. Physical and chemical parameters

#### Physical index

Item	Specification
Appearance	Colorless and transparent liquid
Specific gravity (20/210F)	1.1098
Freezing point	<-70°C
Boiling point	82/5mmHg
Viscosity	5-15
Flash point	99°C
Assay (GC)	91%, 93%, 95%, 97%
Ester content	99%min

