

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℃
Boiling point	82/5mmHg
Viscosity	5-15
Flash point	99℃
Assay (GC)	91%, 93%, 95%, 97%
Ester content	99%min

