

# 2-ETHYL HEXYL ACRYLATE



CAS Number: 103-11-7

Other Names: 2-Ethylhexyl acrylate, 2-EHA,  
2-Propenoic acid, 2-ethylhexyl ester,  
2Ethyl1-hexyl acrylate, 2-Ethylhexyl 2-propenoate

Formula:  $C_{11}H_{20}O_2$

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## PRODUCT INTRODUCTION

2-Ethylhexyl acrylate belongs to the acrylates. It appears as a clear colorless liquid with a pleasant odor. It is less dense than water and insoluble in water. and the vapors are heavier than air. With a flash point 180°F. it is used in making of paints and plastics.

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## PHYSICAL AND CHEMICAL PROPERTIES

Color	5 APHA
Purity	99.9 wt %
Water	0.01 wt %
Acidity (as Acrylic acid)	0.002 wt %
Inhibitor (MEHQ)	75 ppm

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## APPLICATIONS

- 2-ethylhexyl acrylate is used in the production of homopolymers.
  - It is also used in the production of co-polymers, for example acrylic acid and its salts, esters, amides, methacrylate, acrylonitrile, maleates, vinyl acetate, vinyl chloride, vinylidene chloride, styrene, butadiene and unsaturated polyesters.
  - 2-ethylhexyl acrylate is also used in pressure sensitive adhesives.
  - When used in latex paint formulations acrylic polymers have good water resistance, low temperature flexibility and excellent weathering and sunlight.
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## PACKAGING OPTIONS

Drums

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