



## SALES SPECIFICATIONS

**APC Product** : Butyl Acrylate  
**APC Spec. No.** : 08-003-0  
**Effective Date** : 1 April 2018

### Description

Butyl acrylate is a clear colorless liquid with a characteristic fruity odor. It is readily miscible with most organic solvents. It is readily polymerized and displays a wide range of properties dependent upon the selection of the monomer and reaction conditions.

### Specification

<u>Properties</u>	<u>Unit</u>	<u>Test Method</u>	<u>Value</u>
Butyl Acrylate Content	% wt	GC	99.5 min
Colour (Pt-Cobalt)		ASTM D1209	10 max
Water Content	% m/m	ASTM D1364	0.05 max
Acidity as acrylic acid	% m/m	ASTM D1613	0.01 max
Inhibitor, MEHQ	ppm	ASTM D3125	10 - 20

### Application

Butyl acrylate is used to prepare homopolymers and copolymers with other monomers such as acrylic acid and its salts, amides and esters; methacrylates, acrylonitrile, maleic acid esters, vinyl acetate, vinyl chloride, styrene, butadiene, unsaturated polyesters and drying oils. These polymers and copolymers are used in a variety of products as dispersions or solutions.

It is used in the production of coatings and inks, adhesives, sealants, textiles, plastics and elastomers. Coating applications include: architectural latex coatings, water-based dispersions, and automotive original equipment manufacture, and refinish materials.

When used in latex paint formulations acrylic polymers have good water resistance, low temperature flexibility and excellent weathering and sunlight resistance.

**Note** : The Company reserves the right to change the information contained herein without notice.