

TERTIARY BUTYL ACETATE

CAS Number: 540-88-5

Other Names: 1,1-dimethylethyl acetate; Acetic Acid tert-Butyl Ester;
2-acetoxy-2-methylpropane

Formula: $C_6H_{12}O_2$

PRODUCT INTRODUCTION

Tert-butyl acetate is a colorless liquid with a mild odor. It floats on water and produces irritating vapor. It is manufactured from acetic acid and isobutylene.

PHYSICAL AND CHEMICAL PROPERTIES

Purity	99.71 wt.%
Alcohol (as TBA)	0.024 wt.%
Acidity	0.0010 wt.%
Water	0.0060 wt.%
APHA Color	4

APPLICATIONS

- Tert-butyl acetate solvent is useful in decorative and industrial coating formulations, packaging inks and pressure-sensitive adhesives. It is used in the creation of VOC- and HAP-compliant coatings, inks and adhesives.
- It is also used for solvent-based cleaning, metal degreasing, and specialized equipment cleansing. TBAC solvent increases the cleaning efficiency of toluene, mineral spirits, and acetone on baked-on greasy soil and lithium grease.
- Another area where TBAC solvent may replace other solvents is in photoresist formulations used in semiconductor processing. In these processes, it is often used in positive photoresist formulations.
- It has excellent solvency for a variety of substances including nitrocellulose, acrylic, alkyd, polyester and urethane resins.

PACKAGING OPTIONS

Drums
