

# Technical Data Sheet

## Eastman™ SAIB-90EA (Sucrose Acetate Isobutyrate)

### Chemical Synonym

Sucrose Acetate Isobutyrate (and) Ethyl Acetate

### Applications

- Dyes / pigments / paints
- Paints & coatings
- Personal care ingredients

### Product Description

Eastman™ SAIB is a stable liquid that is soluble in most alcohols, vegetable oils, flavoring oils, animal fats, and vegetable-based waxes. It has light color and good thermal stability. It also has good color stability to heat and UV light. Hydrolytic stability is also excellent. Although SAIB is a very viscous liquid, it has the unique characteristic of changing viscosity abruptly upon the addition of solvent or an increase in temperature. Eastman™ SAIB-90EA is a low-viscosity solution of 90% by weight SAIB and 10% ethyl acetate. In addition to its applications in coatings, Eastman™ SAIB-90EA is used in nail polish lacquers.

### Typical Properties

Property	Typical Value, Units
<b>General</b>	
Form	90% SAIB in ethyl acetate
Wt/Vol	1.11 kg/L (9.24 lb/gal)
Color	
Pt-Co	200 max.
Specific Gravity	
@ 25°C/25°C	1.11
Acid Number (mg KOH/g)	0.2
Viscosity	
@ 25°C	935 cP
Flash Point	
Cleveland Open Cup	91 °C (195 °F)
Acid Number	0.20

### Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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