

Technical Data Sheet

Eastman™ SAIB-90 (Sucrose Acetate Isobutyrate)

Chemical Synonym

INCI: Sucrose Acetate Isobutyrate; Denatured Alcohol; Methyl Alcohol; MIBK; Ethyl Acetate; Heptane

Applications

- Architectural coatings
- Auto oem
- Dyes / pigments / paints
- General industrial coatings
- Graphic arts
- Inkjet printing inks
- Leather coatings
- Paints & coatings
- Personal care ingredients
- Process additives
- Protective coatings
- Wood coatings

Product Description

Eastman™ SAIB (Sucrose Acetate Isobutyrate) is a stable liquid that is soluble in most alcohols, vegetable oils, flavoring oils, animal fats, and vegetable-based waxes. It has a light color, as well as good thermal, hydrolytic, and color stability. Although SAIB (Sucrose Acetate Isobutyrate) is a very viscous liquid, it has the unique characteristic of changing viscosity abruptly upon the addition of solvent or increasing temperature. Eastman™ SAIB-90 is a low-viscosity solution of 90% by weight SAIB and 10% denatured ethyl alcohol. In addition to its applications in coatings, Eastman™ SAIB-90 is used in nail polish lacquers.

Typical Properties

| Property | Typical Value, Units |
|---------------------------------|------------------------|
| General | |
| Nonvolatile Matter | 89.5-90.5 % |
| Acid Number (mg KOH/g) | 0.2 max. |
| Wt/Vol | 1.1 kg/L (9.15 lb/gal) |
| Viscosity @ 25°C | 770 cP |
| Flash Point Tag Closed Cup | 18 °C (64 °F) |
| Color Pt-Co | 200 max. |
| Color, Gardner | 1 |
| Form | Liquid |
| Specific Gravity @ 25°C/25°C | 1.10 |

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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