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## Ravasol TXIB C-16

### 2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate

#### Description

Ravasol TXIB C-16 is an environmentally friendly multifunctional additive that offers high boiling point and extremely low viscosity. Ravasol TXIB C-16 is completely compatible with PVC and can be used in combination with general-purpose phthalate-based plasticisers. The low viscosity of this material makes it particularly suitable for use in PVC Plastisols, often enabling higher filler loadings and a reduction in formulatory costs.

Ravasol TXIB C-16 offers a similar level of efficiency to DOP, making substitution in vinyl formulations a simple task. Amongst other key benefits this product imparts a dry surface to the vinyl, gives a high level of stain-resistance and general physical properties on a par with DOP.

**Chemical Formula:**  $C_{16}H_{30}O_4$

**Cas Number:** 6846-50-0

#### Applications

Ravasol TXIB C-16 is a widely-used additive in PVC, polyurethane systems and vinyl plastisols. Applications include but are not limited to:-

- flexible PVC
- polyurethane systems
- vinyl plastisols
- adhesives
- elastomers
- flooring
- sealants
- coalescing agent

#### Properties

Property	Typical Value
Appearance	Colourless transparent liquid
Colour (Pt-Co) No.	30 max
Purity %	99 min
Acid Value mg KOH/g	0.5 max
Water Content (wt %)	0.1 max
Specific Gravity at 20°C (g/ml)	1.02
Viscosity at 25°C (cPs)	9
Molecular Weight	286.4

The data in this Technical Data Sheet is provided for information only. It is correct to the best of our knowledge, information and belief at the date of its publication. It does not constitute a specification and no liability is assumed, nor freedom from any existing patents.

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## Packaging

- 1000 litre Intermediate Bulk Containers at 950kg net

## Storage

Ravasol TXIB C-16 should be stored away from heat and humidity in clean, dry conditions. Once the container has been opened storage under dry nitrogen is recommended to prevent excessive moisture ingress. This is particularly important where the material is being used in polyurethane system formulation.

## Shelf Life

A shelf life of 12 months is applicable to material stored as per the prescribed conditions in original, unopened packaging.

## Transport

Ravasol TXIB C-16 is not classified for transport.

## Safety Advice

Before handling and using of product, the personnel must be aware of the dangers implied. Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling Ravasol TXIB C-16. Before working with these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., material safety data sheets and product labels.

TECHNICAL DATA SHEET