

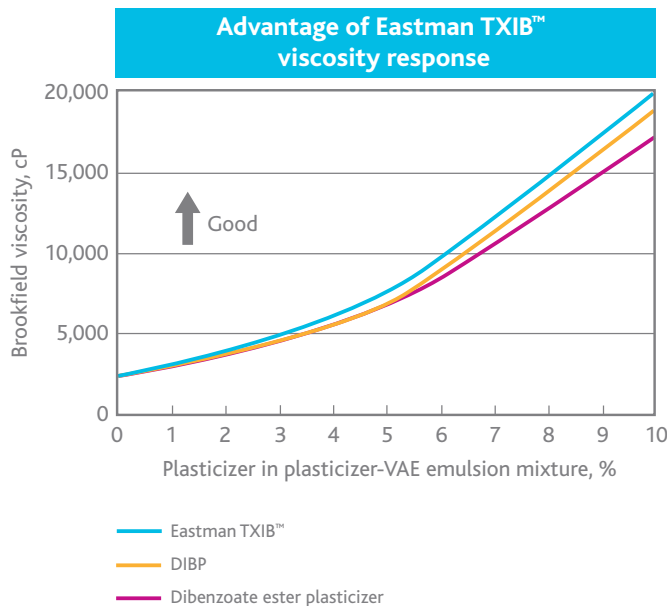
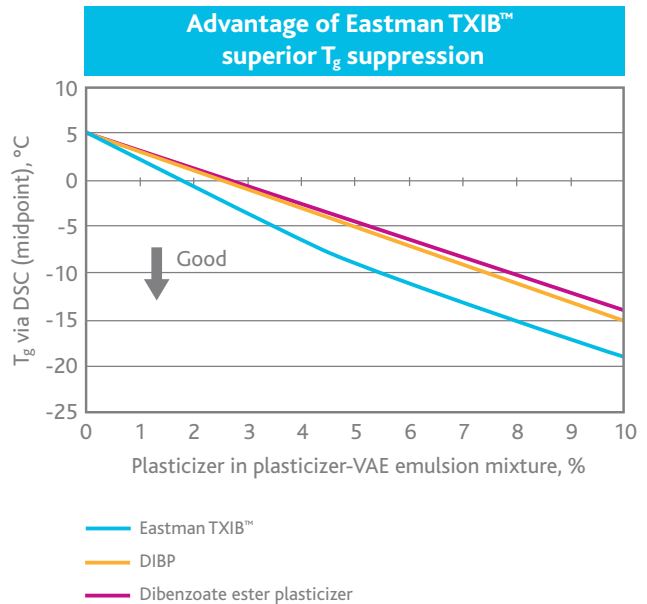
Plasticizer for waterborne adhesives

Advantages

- Comparable to slightly higher viscosity response
- Lower T_g for better low-temperature properties
- Reliability of supply with no labeling requirements
- Cost savings to PVAc and VAE adhesive formulators

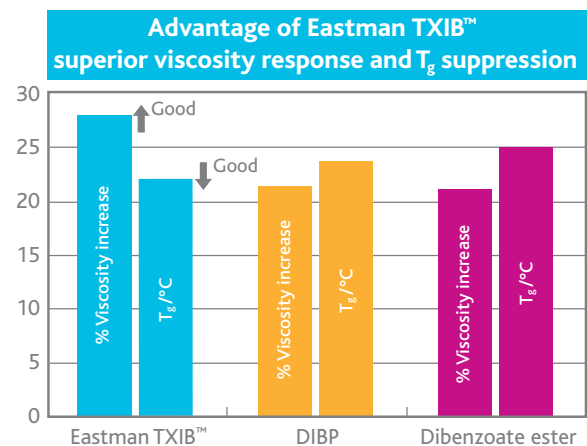
In VAE copolymers ...

Eastman TXIB™ imparts higher viscosity response and better T_g suppression when compared with both DIBP and benzoate plasticizers. You may be able to use less TXIB in your current formulation. Or, you may use the same percentage of TXIB to achieve the targeted viscosity and still be able to bring the T_g to a lower level.



In PVAc homopolymers formulations ...

Eastman TXIB™ can be used alone in formulations in which plasticizer loading is less than 5%. If higher plasticizer content is required, using TXIB in a 1:1 blend with Eastman™ Triacetin or a benzoate plasticizer is suggested.



Thickening efficiency and T_g reduction with 5% w/w plasticizer addition to 55% tsc PVAc emulsion

FDA status

Eastman TXIB™ has received clearance by the FDA for use in certain food-contact applications and is intended for use in repeat-use vinyl-chloride polymers and as a coating or component of paper or paperboard in contact with dry food.¹

¹Eastman TXIB™ has received the following food contact notifications by the U.S. FDA:
21 CFR 175.105 – Adhesives
21 CFR 177.1200 – Used as a component of cellophane
21 CFR 178.3740 – Plasticizers in polymeric substances
For complete regulatory information, please visit www.eastman.com.

Typical properties

Empirical Formula	C ₁₆ H ₃₀ O ₄
Specific gravity @ 20°C	0.942–0.948
Surface tension @ 25°C	28 dynes/cm
Boiling point at 760 mm Hg	281°C (538°F)
Freezing point	–70°C (–94°F)
Viscosity, Brookfield @ 25°C with #1 spindle	9 cP

To find out more about the secure supply and efficiency of Eastman TXIB™ in increasing viscosity and lowering T_g, call your Eastman representative today.

EASTMAN

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Material Safety Data Sheets providing safety precautions, that should be observed when handling and storing Eastman products, are available online or by request. You should obtain and review the available material safety information before handling any of these products. If any materials mentioned are not Eastman products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be observed.

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