

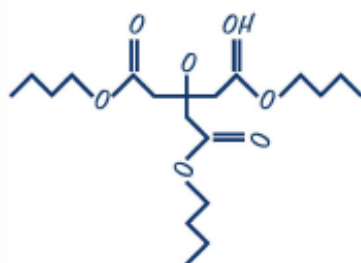
T.B.C.

TRI BUTYL CITRATE



Cas no: 77-94-1

EC no: 201-071-2



Product Overview:

LEBA TBC is a highly compatible plasticizer, offering exceptional processing characteristics for PVC and rubber polymers. Its versatility extends to applications in paints, cosmetics, artificial leather, and as a viscosity reducer for various rubber and PVC resins.

Plasticizer Properties:

LEBA TBC is a slightly yellowish, clear liquid with a faint characteristic smell. It demonstrates excellent compatibility with a wide range of plasticizers and solvents, making it an ideal choice for diverse applications. Its high compatibility with PVC, rubber, and both homopolymer and copolymer vinyl resins ensures superior performance and flexibility.

Key benefits include:

- Effective as a primary plasticizer in paint, cosmetics, and artificial leather
- Excellent film-forming properties for cellulose and polyurethane resins
- Reduces viscosity in rubber and PVC resins, minimizing or eliminating the need for additional viscosity reducers
- Biodegradable and non-toxic, suitable for medical and recyclable plastic applications

Regulatory Compliance:

All necessary regulatory declarations and quality documents are available upon request.

Storage:

For optimal performance, store **LEBA TBC** in its original packaging at temperatures below 40°C, ensuring moisture exclusion. Utilize dedicated equipment for discharging to maintain product integrity.



for flexible solutions ...



GEPOSB Cumhuriyet Cad. No:5 Gebze - Kocaeli / TURKEY



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For Further Info

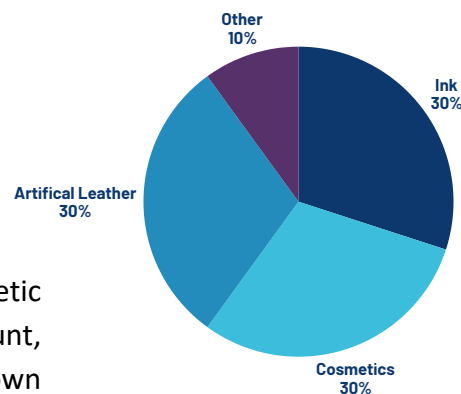


Applications:

LEBA TBC is ideal for:

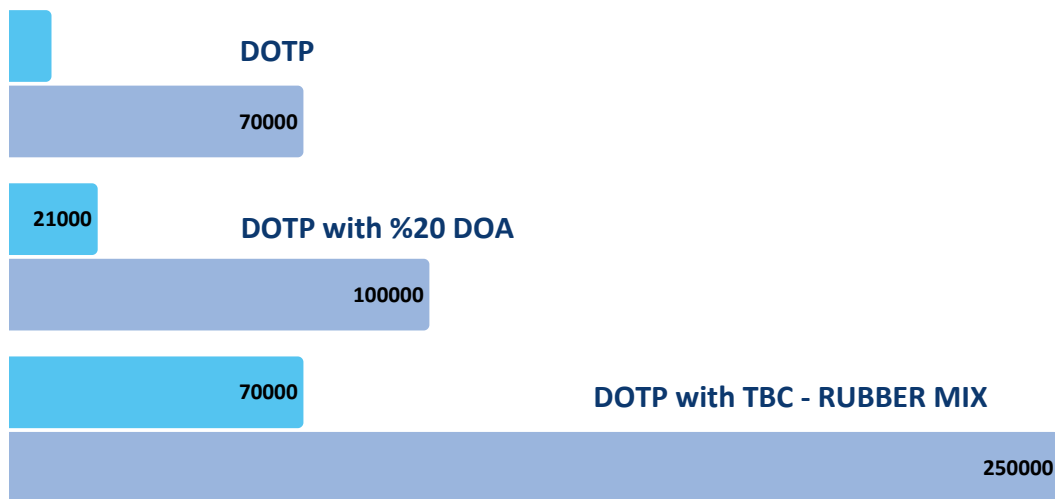
- Paints (furniture and industrial)
- Artificial leather and shoe type artificial leathers
- General-purpose plasticizer for PVC and rubber applications

When incorporated into artificial leather, a mixture of **LEBA TBC** and synthetic rubbers (NBR elastomers) markedly enhances the durability of step count, especially for shoe-type artificial leathers designed for cold environments down to -20°C. Sample formulations are available to showcase its performance, demonstrating the ability to withstand up to **70,000** steps at -20°C. This minimal addition significantly increases flexibility, making it an ideal alternative to other plasticizers, which are typically added at a rate of 20 phr.



STEP COUNT COMPARISON

● -20 °C ● Room Temp.



PROPERTIES	LIMITS	UNIT	TEST STANDARDS
Density	1,035 – 1,045	gr/cm3	ASTM D287-12B
Refractive Index	1,443 – 1,445		ASTM D1218-12
Acidity	0,8 max.	mgKOH/g	ASTM D1045-08
Viscosity (20 °C)	33 – 35	mPa.s	ASTM D445-12
Flash Point	> 180	°C	ASTM D92-12B
Ester Content	99,5 min.	%	GC
Water Content	0,4 max	%	ASTM E1064-16
Colour	80 max	Hazen	ASTM D1209-00

Tailor Your Solution – Contact Us for Expert Guidance and Sample Formulations! Partner with **LEBA** to customize your PVC applications. Reach out today to request your personalized sample formulation and discover how **LEBA TBC** can enhance your products.

For Further Info



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