Technical Information

US-372A
Viscoelastic Foam Modifier

US-372A is a specialty polyol developed for use in the production of viscoelastic foam. It can be added to increase the tear strength and recovery time of the foam, while minimizing the increase in glass transition temperature. US-372A also provides a softening effect in viscoelastic foams, allowing the index to be increased to further improve physical properties. In general, foams made with the USci's low Tg viscoelastic technology spread the glass transition over a broad range, which decreases temperature sensitivity of the foam, while still allowing for an excellent memory foam feel and an open cell structure.

It is a stable, practically colorless liquid that is neither volatile nor corrosive, with a medium viscosity and high flash point. It may begin to freeze at very low temperatures, significantly below 40 degrees F.

Physical Properties

Property	Value	Unit
Hydroxyl Number, as KOH	662	mg/KOH/g
Water, max	0.1	wt%
Viscosity @ 25°C	100	cPs
Specific Gravity @ 25°C/25°C	1.12	
Flash Point, COC	114 °C / 241 °F	

Additional Information

US-372A is very hygroscopic. While water content at the time of shipment is extremely low, the product can absorb atmospheric moisture quickly. This should be considered in its storage and handling, with the use of dry nitrogen whenever possible. It should not come into contact with strong oxidizers.

The properties above are typical only and should be used as an example only. For more detailed product information, please refer to the Safety Data Sheet (SDS).

Contact Information

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