

TEGOSTAB® B 8325

TEGOSTAB® B 8325 is an all-purpose stabilizer for manufacturing polyester polyurethane foams which does not contain any nonylphenol ethoxylates.

Physical properties

Appearance	clear, yellow liquid
Viscosity (25 °C)	100 – 200 mPas
Density (25 °C)	1.015 – 1.035 g/cm ³

Instructions for storage

For TEGOSTAB® B 8325 we guarantee a shelf life of at least 12 months upon delivery under the condition, that it is stored in factory-packed containers and protected against extreme weather conditions, particularly against heat and moisture.

The solidification point of TEGOSTAB® B 8325 is below -15 °C. At a temperature of approx. -10 °C and below the clear liquid changes into a turbid dispersion. Although this dispersion does not tend to separate it is nevertheless recommended to warm up undercooled material to about ambient room temperature and stir it for a short while before use.

Application

TEGOSTAB® B 8325 is a safe and reliable foam stabilizer which can be used in a wide range of formulations for polyester polyurethane foam.

Thanks to its strong stabilizing effect TEGOSTAB® B 8325 is especially well-suited for formulations which require a stronger stabilizing support, e. g.

semi-rigid foam grades which are produced with increased percentages of T 65 and highly branched polyester polyols.

In the development work for TEGOSTAB® B 8325 great importance was attached to keeping the percentage of volatile components at low level. TEGOSTAB® B 8325 is therefore highly suitable in such cases, where the produced foam will be subjected to fogging tests.

TEGOSTAB® B 8325 has also proved its worth in the manufacturing of flame-retardant foam types. Official burn tests are passed more easily, when TEGOSTAB® B 8325 is applied.

Paraffin oil in normal applied concentration can be safely used as another additive for improving the die-cuttability when TEGOSTAB® B 8325 is applied as a stabilizer.

Instructions for use

The recommended applied concentration of TEGOSTAB® B 8325 can be varied between 0.8 parts and 1.5 parts per 100 parts polyester polyol depending on the used formulation.

The high level of the emulsifying characteristics of TEGOSTAB® B 8325 ensures that clear and homogeneous activator solutions are produced with the normally used applied concentration of any of the customary ester foam catalysts, in particular with standard catalysts like e. g. TEGOAMIN® EPS and TEGOAMIN® CPE (for the production of low-odor ester foams) or N-methylmorpholine and N,N-dimethylbenzylamin. Addition of further emulsifiers is not necessary.

Packaging

800 kg pallet (4 x 200 kg in steel drums)
1 000 kg plastic containers

Information concerning

- classification and labelling according to regulations for transport of chemicals
- protective measures for storage and handling
- measures in case of accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

Legal References

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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