

TEGOSTAB® B 8423

TEGOSTAB® B 8423 is a non-hydrolysable polyether polydimethylsiloxane copolymer which is used for the production of polyurethane rigid foams.

Physical Properties

Viscosity (25 °C)	650 ± 150 mPas
Density (25 °C)	1.055 ± 0.01 g/cm ³
pH-value (4 % hydrous solution)	6.5 ± 1.5

Instructions for Storage

The solidification point of TEGOSTAB® B 8423 is about -8 °C. Apart from increased viscosity, no further changes of this stabilizer's consistency are therefore observed at 0 °C. It is, however, recommended to adapt the temperature of undercooled TEGOSTAB® B 8423 to normal ambient temperature / room temperature before use.

For TEGOSTAB® B 8423 we guarantee a shelf life of at least 12 months upon delivery under the condition that it is stored in factory-sealed containers and protected against extreme weather conditions, particularly against heat and moisture.

Application

TEGOSTAB® B 8423 is soluble in all commonly applied rigid foam polyols. The obtained solution is clear.

TEGOSTAB® B 8423 imparts foam formulations excellent flow properties and produces foams which are characterized by the following features:

- uniform cell structure and highly closed cell structure
- low thermal conductivity
- even density distribution
- noticeable reduction of foam defects at the surface and in the near-surface area of the shearing zone.

This combination of characteristic features shows that the application of TEGOSTAB® B 8423 meets all the requirements for the large variety of different combinations for polyurethane rigid foam with different covering layers.

Possible combinations include a wide range of very different products such as paper-laminated heat insulation boards, and also high-quality and highly insulated elements for cold storage houses with covering layers made of torsion-resistant, profiled steel plates.

The normally applied concentration of TEGOSTAB® B 8423 is between 2.0 and 3.0 parts per 100 parts polyol.

Packing

190 kg iron drums
1 000 kg plastic containers

For Information

- on classification and labeling in accordance with shipping instructions and the Toxic Substances Control Act
- on protective measures during storage and handling
- on measures in case of accidents and fire
- on toxicology and ecological toxicity

please refer to our safety data sheets.

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