



Technical Data Sheet

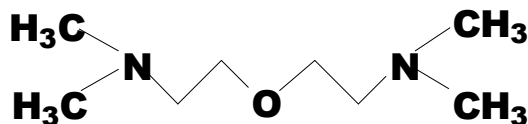
## STRUKSILON BD 70

70 % Bis-(2-dimethylaminoethyl)ether in Dipropyleneglycol Catalyst for Polyurethane

### Application Fields

STRUKSILON BD 70 is a very effective blowing catalyst. It is mainly used in flexible foam in order to promote the water-isocyanate reaction. STRUKSILON BD 70 is often used in combination with gelling catalysts like triethylenediamine.

### Chemical Structure:



STRUKSILON BD 70 is a clear, colourless to slightly yellow, low viscous liquid with a characteristic odour.

### Typical Properties:

Purity	%	70.0 ± 2.0
Water [Karl Fischer]	%	< 0,50
pH-Value (100g/l, 25°C)		11
Viscosity at 20°C	[mPas]	4
Boiling Point	[°C]	190
Density at 20°C	[kg/m <sup>3</sup> ]	900
Flash Point (DIN 51758)	[°C]	98

The data given are typical values which are not intended for use in preparing specifications. For test methods refer to the corresponding supplement.

Schill + Seilacher "Struktol"  
Aktiengesellschaft  
Moorfleeter Str. 28  
22113 Hamburg  
GERMANY

Phone: +49 40 73 36 2-0  
Fax: +49 40 73 36 2-194  
E-Mail: info@struktol.de

[www.struktol.de](http://www.struktol.de)



## Technical Properties

STRUKSILON BD 70 is a very active blowing catalyst. It is mainly used in flexible foams to promote the water-isocyanate reaction. In order to achieve a balanced reaction profile STRUKSILON BD 70 is often used in combination with gelling catalysts such as triethylenediamine. When a weaker catalytic activity is acceptable and the odour should be reduced, we recommend the use of STRUKSILON DMEA to replace or partly replace STRUKSILON BD 70.

## Recommended Dosage

The dosage has to be adjusted to the formulation to reach the required reaction profile. Usually, dosage levels of STRUKSILON BD 70 are in the range of 0,02 to 1 php (parts on 100 parts polyol).

## Product Safety and Handling

STRUKSILON BD 70 is an amine and has a basic character. It is corrosive and causes burns. Contact with acids or acid forming materials should be avoided.

Further information regarding safety, toxicology, special properties of the product, transport and storage is provided in the material safety data sheet.

## Packaging, Storage and Transport

Storage stability	12 months in closed original containers if transported and stored at temperatures between 1 and 30°C.
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Packaging	175 kg drums
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The suggestions for application and usage of our products as well as possible proposed formulations are meant to advise only to the best of our knowledge. This information is without obligation and does not release customers from their own testings to ensure suitability for intended processes and use. Liability is only accepted in case of intention or gross negligence. Liability for any defects caused by minor negligence are not accepted. Each producer is responsible and liable to observe legislation and patent rights of third parties.  
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Schill + Seilacher "Struktol" Aktiengesellschaft Moorfleeter Straße 28 22113 Hamburg Germany  
Phone: +49 40 73362-0 Fax: +49 40 73362-194 E-Mail: info@struktol.de