Densurf TMG

Tetra-N-Methyl Guanidine

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PRODUCT DESCRIPTION

DENSURF TMG is a basic, highly reactive organic compound with the 100.00% active content.

Uses to accelerate the curing reactions of the alkoxy silane resins at the ambient conditions.

APPLICATIONS & KEY FEATURES

It accelerates the hydrolization reactions.
It is used as a catalyst in the polyurethane reactions.

the Main Application Areas of the Densurf TMG are:

- Reaction Cataylst
- Hydrolization Agent

SOLUBILITY

Water	Aliphatic Hydrocarbons
N-Butyl Acetate	N-Butanol
Aromatic Hydrocarbons	Ethanol

Soluble — Not Soluble

**Detailed knowledge about the suitable diluents can be asked to the technical support team.
The provided diluents are the refferances according to the most common application areas.

STORAGE

Please store the unopened packaging between 5°C - 35°C.
The shelf life is at least 12 months for unopened packagings.
Close the packaging cap tightly after use.
WARNING! Keep away from the acids, the heat and the moisture.

SPECIAL NOTES

It is used for the alkoxy silane hydrolization as a catalyst.

It can be used with the Densurf TBT to the accelarate curing and used for the shortening the curing time.

It causes very brittle films when it is used with the high dosages.

TECHNICAL PROPERTIES

- Chemical Structure: Tetra-n-methyl guanidine
- Appearance: Clear yellow liquid
- Solid Content (10 mins., 160˚C): 100.00 %

SYSTEM

Alkoxy Silane Resins	Esterification Reactions
Polyurathane Reactions	Ring Openning Polymerization
Sol-Gel Reactions	Alkyd Resins

Suitable — Not Suitable

**Detailed knowledge about the compatible systems can be asked to technical support team.
The provided systems are the refferances according to the most common application areas.

DOSAGE

Recommended amount; 0.01 - 0.50 % (by weight as supplied based on the total amount of the resin in the formula)

Note: Amounts mentioned above are just a recommendation.

Please make laboratory tests to specify the optimum amounts.

PROCESS RECOMMENDATION

It is preferably added before the application to prevent the undesired pre-reactions.

This technical data sheets provide directions for the application instructions of the products. These recommendations are in line with the present state of knowledge and do not provide any guarantee.
Velimeşe Organize Sanayi Bölgesi Mah. 259. Sok. No:4/1 Ergene / Tekirdağ / Türkiye | T: +90 (282) 674 54 00 | F: +90 (282) 674 50 01 | info@densurf.com | www.densurf.com | Document No: FR.04-001
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