

MINING / CONSTRUCTION

Fosgel

WATER ABSORBENT SYNTHETIC POLYMER

DESCRIPTION

Fosgel is a super absorbent synthetic polymer which, when added to water rapidly, forms a highly viscous gel.

APPLICATION AND USE

The super absorbent properties of Fosgel can be used to absorb free water in working environments where muddy underfoot conditions need to be controlled, such as roadways or development end.



ADVANTAGES

- Easily applied by hand directly into the water or mud
- Due to the rapid absorption of the water, mud and water can be removed manually instead of by pumping

TECHNICAL DATA

SETTING TIME

Details	
Appearance	White powder
Bulk density	0.64
pH	6.1

ABSORPTION CHARACTERISTICS

1 Kg of Fosgel will absorb up to 250 kg of water when mixed thoroughly. Suspended solids, such as muddy or dirty water or dissolved material, will reduce the rate, and the volume of water absorbed.

APPLICATION METHOD

Prior to use of Fosgel an estimate of the water volume to be absorbed should be made and the addition of Fosgel made accordingly.

Fosgel should be dispersed evenly over the liquid surface and then agitated by a suitable means, i.e. shovel or wooden stick to ensure an even dispersion of the Fosgel.

Thirty minutes should then be allowed for the full absorption capacity of Fosgel to be reached. Once absorption has occurred, the thickened water can be removed mechanically with a front-end loader or by shovel.

SAFETY INSTRUCTIONS AND LIMITATIONS

Avoid prolonged skin and contact by using gloves and goggles. Wash hands after using product. Observe recognised industrial hygiene precautions; refer to Material Safety Data Sheet.

PACKAGING AND TRANSPORTATION

Fosgel is supplied 10 kg woven polypropylene bags, with inner liner.

STORAGE AND SHELF LIFE

Store Fosgel unopened in original bags in dry conditions. Storage outside these guide lines may impair shelf life.

DISPOSAL

Follow local regulations.

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ADDITIONAL DOCUMENTATION

- MSDS of Fosgel

LIST OF REPRESENTATIVES

- AUSTRIA: Minova MAI GmbH
- CZECH REPUBLIC: Minova Bohemia s.r.o.
- FRANCE / BELGIUM: Sales office Minova France / Belgium
- GERMANY: Minova CarboTech GmbH
- ITALY: Minova CarboTech GmbH Italy branch
- KAZAKHSTAN: Minova Kazakhstan LLP
- POLAND: Minova Ekochem S.A.; Minova Arnall Sp. z o.o.; Minova Ksante Sp. z o.o.
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