

DUMACIL[®] 402 FGK

Micro-fine silica treated with an organic silicone compound

CHEMICAL & PHYSICAL PROPERTIES

Composition	hydrophobic silica
Color / Form	white powder
Bulk density	8 lbs/cu ft
Average Particle Size	4 - 6 microns
Surface Area, BET	120 (m ² /gr)

These are typical properties not to be used for specification purposes.

APPLICATIONS

- **DUMACIL 402 FGK** is a key ingredient in many defoamer formulations. It also finds application in adhesives, rubber, fire extinguishers, and other anti-caking applications.

KEY PROPERTIES

- **DUMACIL 402 FGK** is micro-fine silica treated with an organic silicone compound. The resultant hydrophobic silica is extremely water repellent and easily dispersed in organic systems.

LEVELS OF USE

Typically 0.3 - 1.0% on total weight, but should be optimized by testing.

HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Prolonged breathing of hydrophobic silica dust may cause irritation of the respiratory tract. Therefore, as with all dusty materials, proper ventilation and personal protective equipment should be used. Detailed information on handling and safety can be found in the material safety data sheet. Handle in accordance with good industrial hygiene and safety practices.

SHELF LIFE

DUMACIL 402 FGK has a shelf life of 5 (five) years from date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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