



TECHNICAL BULLETIN

TAYCHEM 40

Description:

TayChem 40 is a low-viscosity, "free-rinsing," highly-efficient, water-based silicone antifoam emulsion. It has significant foam knockdown and excellent, sustaining antifoam power.

Applications:

TayChem 40 acts primarily as an antifoam agent and drainage aid and can be added at various stages during the manufacturing process. It is dilution-stable with proper back thickening. TayChem 40 is also effective in effluent treatment.

TayChem 40 can be used undiluted. However, to achieve better dispersion, dilution is recommended. We recommend a pre-dilution of 1:1 to 1:3 in cold water. The diluted emulsion, however, should be processed within a few days.

Typical Properties:

Property	Characteristic
Appearance	Milky-White Liquid
Solids Content (%)	Ca. 40
pH Value	Ca. 7.0
Ionic Character	Nonionic
Note: These figures are intended as a guide and should not be used in preparing specifications.	

Storage Stability:

TayChem 40 has a shelf life of at least six (6) months if stored in its original, sealed container at 25°C or 70° F. If the material is kept beyond the recommended shelf life, it is not necessarily unusable, but quality control should be performed on the properties relevant to the application.

Emulsions showing signs of creaming should be agitated before use to assure uniform consistency.

Safety Instructions:

Comprehensive instructions are given in the corresponding Material Safety Data Sheet. This information is available upon request from TayChem Industries, Ltd.

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