



TECHNICAL BULLETIN

TAYCHEM 882

Silicone Antifoam, Self-Dispersing

Description:

TayChem 882 is an anhydrous, low-viscosity, antifoam agent that spontaneously forms a fine dispersion when added to water or highly-polar systems.

The degree of organomodification makes TayChem 882 control negative effects, e.g., surface defects and separation tendencies.

Application:

TayChem 882 exhibits excellent defoaming and degassing properties in:

*	Manufacturing of dispersions.
*	Rendering dispersions and lattices low foaming.
*	Defoaming textile auxiliaries.
*	Defoaming paints and varnishes.
*	Cooling lubricants.
*	Rendering adhesives low foaming.

Processing:

The exact amount of TayChem 882 to be added must be determined in preliminary tests. We recommend starting with amounts between 0.1% and 0.5%.

Generally, the product should be added as it is, as its self-dispersing properties will usually ensure an adequate and homogeneous distribution.

If TayChem 882 is diluted with water, the resultant dispersion must be used quickly.

Typical Properties:

Property	Value
Appearance	Yellowish, Opaque
Viscosity @ 25°C, Approximate (mPas)	20
Density @ 20°C, Approximate (g/cm ³)	0.93
Refractive Index, Approximate (Test Method: DIN-51423)	1.442
Note: These figures are intended as a guide and should not be used in preparing specifications.	

Storage Stability:

TayChem 882 has a shelf life of at least twelve (12) months when stored between +5°C and +25°C in the tightly-closed, original container. The "best use before end date" of each batch appears on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case, however, the properties required for the intended use must be checked for quality assurance reasons.



Safety Information:

Detailed safety information is contained in each Material Safety Data Sheet. This information is available upon request from TayChem Industries, Ltd.

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