

Product Description – Polymer Emulsions

KEMILINE[®] CE 828

An APEO-free styrene / acrylic Freeze-thaw stability improved binder (FTSIB) for exterior/interior paints, for coating and paperboard coating. Because of this property, it may successfully be used even at cold climates with relatively less precaution against freeze.

Field: Paint, construction and coatings

Properties	<ul style="list-style-type: none">▪ Offers a high level of scrub resistance, water whitening resistance and alkali resistance in higher PVC paints.▪ The very high binding power and good resistance to saponification and weathering of KEMILINE CE 828 make it a multipurpose product suitable for use in paints, other coatings and adhesives.▪ Convenient for primer ,top coatings and paperboard coating▪ Brings high photochemical film stability.▪ Good hiding capability, high gloss and good color stability.▪ APEO free.▪ Plasticizer-free.
------------	---

Chemical nature: Styrene / Acrylic polymer emulsion

Technical Data	Appearance	: Viscous, creamy liquid.
	Solid content	: 49 – 51 % (1 g, 60 min at 105 °C)
	pH value	: 7,0 – 9,5 (at 20 °C)
	Viscosity	: 2500 – 10000 cps (B. Field, 6 / 20 at 20 °C)
	*Tg / *MFFT	: 23 °C / 20 °C
	Packaging	:120 kg PE drums / 160 kg PE drums 1000 kg IBC containers
	Shelf life	: 12 months at 5 - 35 °C.
	Safety	: No special precautions.

() : These are typical properties of the emulsions and should not be considered as specifications. Certificates of the analysis (COA) are available upon request.*

Application: The consumption of KEMILINE[®] CE 828 in a paint formulation depends on pigment and filler quantities. The recommended amount is approx. 10 –15 % for interior and approx. 20 – 30 % for exterior paints.

Information given in this document represents our latest knowledge and provides data on the physical properties and possible uses of Kemiteks products. Kemiteks does not assume any liability on the accuracy and completeness of the data given herein. Kemiteks does not give any warranty, expressed or implied, for the suitability of the products to any particular application. Kemiteks strongly recommends the customers to make their own trials in advance, to test the performance, acceptability and suitability of her delivered products on customer's particular applications under customer's prevailing conditions, before full scale industrial runs.

KY 72/TBD 73 028 Rev.03 18.06.2018 1/2

KEMITEKS Kimya San. ve Tic. A.S.
Omerli Mah. Gulce Sok. No: 80
34555 Arnavutkoy – ISTANBUL / TURKEY
Tel: +90 212 771 2828 Faks : +90 212 771 2837
info@kemiteks.com
www.kemiteks.com

Product Description – Polymer Emulsions

KEMILINE[®] CE 828

Important issues on storage and use of the product:

- Shelf life of the product is 12 months from the production date, printed on the label and indicated in certificates of analysis, as long as kept between 5-35 °C and away from direct sunlight and freezing conditions.
- Product needs to be kept in hygienic conditions to be away from microbiological attacks, although has certain biocides in the formulation. Addition of extra biocides may be required depending on the conditions of the site such as high storage temperatures, long storage durations and suspects of infection of the product during handling. Bulk storage tanks need to be inspected and cleaned up from time to time depending on the conditions.
- Metal parts suspected to corrode should not be allowed to come into direct contact with this product during storage and use.
- It is recommended to keep storage tanks, IBCs and drums tightly closed, avoiding loss of moisture and keeping the headspace saturated with water vapor to eliminate formation of films at top and keeping the product away from microbiological attacks.
- Packed material in IBCs and drums is recommended to be stirred prior to use.
- Product may tend to give lumps and skins due to its film forming nature. Straining through a coarse filter is recommended prior to use for this reason.
- Product should be handled in compliance with usual safety measures. Material safety data sheets should be examined, prior to use the product. Personal protective equipment such as gloves and goggles are recommended to be used when handling the product.

Please contact our distributors, agents and sales representatives for further information and assistance.

Information given in this document represents our latest knowledge and provides data on the physical properties and possible uses of Kemiteks products. Kemiteks does not assume any liability on the accuracy and completeness of the data given herein. Kemiteks does not give any warranty, expressed or implied, for the suitability of the products to any particular application. Kemiteks strongly recommends the customers to make their own trials in advance, to test the performance, acceptability and suitability of her delivered products on customer's particular applications under customer's prevailing conditions, before full scale industrial runs.

KY 72/TBD 73 028 Rev.03 18.06.2018 2/2

KEMİTEKS Kimya San. ve Tic. A.Ş.
Omerli Mah. Gulce Sok. No: 80
34555 Amavutkoy – İSTANBUL / TURKEY
Tel: +90 212 771 2828 Faks : +90 212 771 2837
info@kemiteks.com
www.kemiteks.com