

TECHNICAL DATA SHEET

BILTREAT EWA 54

(Emulsifier for Water adding)

Description:

- BILTREAT EWA 54 is (APEO free) emulsifier for water addition up to 30 % to enamel and primer to reduce production cost of primers & enamel, water is incorporated to the system.

Physical Properties:

Appearance	:	Viscous Liquid
Color	:	Reddish Yellow to Dark Amber
Chemical Composition	:	Ester of Octadecenoic Acid
Odor	:	Characteristic
pH, (@2 % In Distil Water)	:	8 to 10
Acid Value and Free Fatty Acid	:	70 to 90
Specific Gravity, (@ 30+/-1 OC, By Hydro Meter)	:	0.96 to 1.00
Viscosity, (@ 30+/-1 OC, By Brookfield)	:	500 to 1000 Cps
Solubility Water	:	Soluble
Grade	:	Industrial Grade.

Benefits:

- Biltreat EWA 54 is a blend of additive containing polar and non-polar functional groups. Apart from reducing the surface tension it encompass the dispersed phase thus preventing coalescence and aggregation due to repulsive forces; this imparts stability to the system.
- Biltreat EWA 54 is compatible with larger spectrum of alkyds. Water-alkyds bond formed is strong enough to last long. It is very easy to incorporate water in to the system,

How to Use:

- Take 300 ml soft water in high speed stirrer, add 6 ml Biltreat EWA 54 and mix it till completely dissolved in water.
- The appearance should be milky.
- Take 1 Liter Enamel Paint (1000 ml), and start stirring.

- Now slowly add above solution of water as in 1, in enamel paint and stir for 15 minutes till homogeneous.
- This ratio is 1 Liter paint: 300 ml water addition (i.e. 30 % water addition).

Application & Recommended Dosage:

Biltreat EWA 54 is recommended for Synthetic Enamel and Primer as under:

For 100 kg batch of enamel or primer (finished / final product):

- 200 gm. Biltreat EWA 54 is required for 10 Liter water addition.
- 400 gm. Biltreat EWA 54 is required for 20 Liter water addition.
- 600 gm. Biltreat EWA 54 is required for 30 Liter water addition.

Health & Safety:

- Before using this product please consult/refer our Material Safety Data Sheet (MSDS) for information on safe handling and storage.

Packing:

- Biltreat EWA 54 is available in carboy and barrel packing of 35 Kg / 50 Kg, 220 / 240 kg & in 1 MT Plastic IBC's.

Shelf Life:

- 1 year from the date of manufacturer. After this product should be test prior to use.

Disclaimer:

The suggestion & data in this publication is currently believed to be accurate. We do not guarantee its accuracy as the conditions & methods of the use of our products are beyond our control. Purchasers should always make their own determination of its suitability and completeness for a particular use, for the protection of the environment & for the health and safety of employees.