

non-animal origin

skincare and haircare additive

for cosmetics and toiletries

## GENERAL INFORMATION

FANWAX SEW-P, Emulsifying Wax NF, is a balanced blend of lipophilic high molecular weight fatty alcohols and hydrophilic ethoxylated products. It is a non-ionic oil in water self emulsifying wax for neutral, mildly acidic and alkaline pH systems. It is compatible with anionic, non-ionic and cationic surfactants and has moderate electrolyte tolerance.

## INGREDIENTS

### INCI name:

Cetearyl Alcohol, Polysorbate 60, Steareth-20, Polysorbate 65

### CTFA name:

Cetearyl Alcohol (and) Polysorbate 60 (and) Steareth-20 (and) Polysorbate 65

## APPLICATIONS

- Hair Relaxers and Straighteners
- Lotions
- Creams
- Crème Rinses
- Antiperspirants
- Deodorants

## KEY PROPERTIES

### FANWAX SEW-P skin and haircare additive

Typical properties

- Is a self emulsifying wax for most O/W systems
- In hair relaxers it releases the active at an even rate to effectively straighten hair without irritation
- Acts as an emollient

## CHEMICAL AND PHYSICAL DATA

Appearance	Creamy White Waxy Solid, Pastille or Flake
Hydroxyl Value	178-192
Iodine Value	3.5 max.
Saponification Value	14 max.
Melting Point	50-54°C
pH (3% Aqueous)	5.5-7.0
Acid Value	2.0 max.

*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.*

© Copyright 2011, Elementis Specialties, Inc. All rights reserved. Copying and/or downloading of this document or information therein for republication is not allowed unless prior written agreement is obtained from Elementis Specialties, Inc.

® Trademark of Elementis Specialties, Inc.

[www.elementisspecialties.com](http://www.elementisspecialties.com)

v 1<sup>st</sup> July 2011

## INCORPORATION

FANWAX SEW-P can be added to the oil phase with heating.

## LEVELS OF USE

The level of use of the FANWAX SEW-P will depend on the formulation. Typical addition levels are 1-14%.

## COMPATIBILITY

FANWAX SEW-P is compatible with most raw materials used in cosmetics and toiletries.

## TOXICITY

Care is taken to ensure that the ingredients used in the FANWAX SEW-P additive are not known to be injurious to health in any way and have been toxicologically tested to ensure their safety. However, the FANWAX SEW-P additive has not been subjected to testing involving the use of animals within the last 10 years.

## STORAGE TEMPERATURES

Keep container sealed and store at room temperature.

## SHELF LIFE

FANWAX SEW-P has a shelf life of 2 (two) years from date of manufacture.

## SAFETY

Before using this product, please consult our MSDS.

### USA Head Office

Elementis Specialties, Inc.  
P.O. Box 700  
329 Wyckoffs Mill Road  
Hightstown, NJ 08520 USA  
Tel.: +1 609 443 2500  
Fax: +1 609 443 2422

### Europe

Elementis GmbH  
Stolberger Strasse 370  
50933 Cologne, Germany  
Tel.: +49 221 2923 2000  
Fax: +49 221 2923 2010

### Asia

Elementis Specialties, Inc.  
120 Jalan Kapar 27/89  
40400 Shah Alam  
Malaysia  
Tel.: +60 3 5192 2887  
Fax: +60 3 5192 3887

### Japan

Elementis Japan KK  
15-14 Minamisemba 1-Chome  
Chou-Ku, Osaka  
542-0081 Japan  
Tel.: +81 6 6267 6211  
Fax: +81 6 6267 6215