

DAPRO® FX 514

Plasticizer for Low VOC Water Based Adhesives

GENERAL INFORMATION

DAPRO FX 514 is a VOC-free, low odour plasticizer prepared from renewable resources. It is specifically designed for low or zero VOC aqueous adhesive systems. **DAPRO FX 514** assists in excellent film formation, film plasticization and long term stable adhesive flexibility.

CHEMICAL & PHYSICAL PROPERTIES

Composition	ester based
Colour / Form	clear / Liquid
Odour	Nearly odourless
VOC	0*
EPA Method 24	
VOC	none detected
ASTM D6886-03	
Density	0.92 g/cm ³
Lbs/Gallon(US)	7.66
Viscosity @ 25° C (ASTM D2196)	< 25 cps
Boiling Point	> 554 °F / > 290 °C
Flash Point	> 212 °F / > 100 °C
Solubility in water	dispersible

These are typical properties not to be used for specification purposes.

APPLICATIONS

- Aqueous adhesives and sealants for flexible floorings and wood floorings

KEY PROPERTIES

- Enhanced tackiness and flexibility
- Outstanding plasticizing properties
- Zero VOC
- Odourless

INCORPORATION

DAPRO FX 514 is typically added in the resin compound of the adhesive but can also be added at the end to the ready adhesive formulation.

LEVELS OF USE

Typical use levels of **DAPRO FX 514** are 1% to 5% by weight of the formulation.

HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Keep containers tightly closed in a cool, well-ventilated room. **DAPRO FX 514** may solidify at temperatures below its pour point. It is recommended to store **DAPRO FX 514** at temperatures above 41°F (5°C). When solidified, **DAPRO FX 514** can be rendered into a clear liquid again upon storage at room temperature.

SHELF LIFE

DAPRO FX 514 has a shelf life of 3 (three) years from the date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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.

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North America

Elementis
469 Old Trenton Road
East Windsor
NJ 08512, USA
Tel.: +1 609 443 2500
Fax: +1 609 443 2422

Europe

Elementis UK Ltd.
c/o Elementis GmbH
Stolberger Strasse 370
50933 Cologne, Germany
Tel.: +49 221 2923 2066
Fax: +49 221 2923 2011

Asia

Deuchem (Shanghai) Chemical Co., Ltd.
99, Lianyang Road
Songjiang Industrial Zone
Shanghai, China 201613
Tel.: +86 21 5774 0348
Fax: +86 21 5774 3563