ELEMENTIS

A global specialty chemicals company

Enhanced Performance Through Applied Innovation

SLIP-AYD® SL 177

Dispersion of High Melt Polyethylene wax

GENERAL INFORMATION

SLIP-AYD SL 177 surface conditioner provides improved surface characteristics of coatings. This is one of several wax types dispersed in a variety of water/solvent/vehicle blends. High Melt Polyethylene waxes are extremely hard, low molecular weight synthetic waxes. High loadings may tend to reduce gloss. The effect of a wax can be altered by blending several waxes together.

SLIP-AYD dispersions are especially useful in applications requiring improved durability with little or no change in coefficient of friction (or slip).

CHEMICAL & PHYSICAL PROPERTIES

Appearance	Liquid to soft paste
Softening range, ºF/ºC	280 - 290/138 - 143
Hardness:(ASTM D5)	< 0.5
Non-volatile, % wax and average particle size (microns)	23.0 / 10-15
Wt./ Gal., lbs (S.G.)	7.2 (0.86)
Volatile, %, type	77.0 , xylene

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

APPLICATIONS

- General industrial coatings
- Coil coatings,
- Wood finishes
- Plastic coatings
- Auto OEM and refinish

KEY PROPERTIES

- Exceptional resistance to blocking and abrasion
- Transparent at typical use levels
- Does not interfere with inter-coat adhesion
- Does not cause craters or fish-eyes
- Does not seed-out or re-agglomerate during storage

INCORPORATION

SLIP-AYD dispersions should always be mixed before use. They will mix easily into a coating or ink at any point of manufacture, including final let down, and can also be post added to a finished product to correct a problem .

SLIP-AYD SL 177 disperses readily in solvents.

LEVELS OF USE

Typical use is 1.0 – 4.0 **% SLIP-AYD SL 177** on total formula by weight. Optimum performance varies with wax type and coating formula.
Always evaluate each **SLIP-AYD** at several levels to determine the best efficiency.

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

Opened, partly used pails or drums of **SLIP-AYD SL 177** should be re-sealed immediately after use.

SLIP-AYD SL 177 should be stored at temperatures between 40°F/5°C and 120°F/48°C.

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SHELF LIFE

SLIP-AYD SL 177 has a shelf life of 4 (four) years from date of manufacture if stored in typical dry warehouse in original unopened containers.

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