

Adherent PLH

Adhesion Promoter

GENERAL INFORMATION

Adherent PLH is an additive to improve adhesion of paint film especially on non-ferrous substrates. It is mainly used in stoving paints.

CHEMICAL & PHYSICAL PROPERTIES

Composition	non-silicone polymeric compound
Appearance	clear liquid
Non-volatile content	78 - 82 %
Solvent	isopropanol
Specific gravity	ca. 1.09
Acid value	60 - 80 mg KOH / g

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

APPLICATIONS

- Alkyd/melamine
- Acrylic/melamine

KEY PROPERTIES

- To promote adhesion of stoving paints on difficult non-ferrous substrates such as aluminum, zinc, copper, brass, electroplated steel etc.
- To improve the flexibility and impact resistance of paint film.
- Thermo-stable that does not discolor at elevated temperature.
- No side-effect of shelf-life.

INCORPORATION

The dosage depends on the adhesion property of resin as well as the substrate to be applied on.

Adherent PLH is incorporated during the any stage.

Due to its acidic structure, loss of gloss may occur when **Adherent PLH** is combined with certain basic pigments. It is therefore recommended to check before practical application.

LEVELS OF USE

1.5 - 2.5 % based on total 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 away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated place.

Stored between 0 °C to 40 °C, below 5 °C appearance may be to cloud or solid-like, please heat(water bath) to clear then stir to uniform.

Haze or separation may be found when **Adherent PLH** is stored under low temperature after a period of time. It can be recovered by carefully heating without influence on performance.

Packing not to be exposed directly under heat radiation.

SHELF LIFE

Adherent PLH has a shelf life of 18 months from 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.

© Copyright 2019, 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.

V01 Apr. 2019

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