

BONDERITE L-FG D 180 ACHESON

Known as Endusil D180
September 2015

PRODUCT DESCRIPTION

BONDERITE L-FG D 180 ACHESON provides the following product characteristics:

Technology	Lubricant
Product Type	Graphite dispersion in solvent
Application	Lubricating and protective coating

BONDERITE L-FG D 180 ACHESON is a graphited lubricating varnish developed for easier sliding and release in the hot forming process of titanium alloys. It protects the metal and reduces oxidation.

Special features

Endusil is a dispersion of crystalline low friction and pure graphite in a thermoplastic resin. The lubricating film is halogen free.

TECHNICAL DATA

(as supplied)

Aspect	black fluid
Density (at 20°C), g/cm ³	~1,050
Viscosity (Flow cup AFNOR #4), sec	~16

DIRECTION OF USE

Preliminary Statement

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Pretreatment

Before application of the varnish, the metal has to be cleaned with a suitable solvent. If necessary, the surface can be submitted to sand blasting or chemical etching.

Application

Stir the varnish carefully before use to obtain a homogeneous product. The viscosity is ready for use with a handgun or brush. If the viscosity is not suitable for the type of handgun used or if a rather thin film is wanted, BONDERITE L-FG D 180 ACHESON can be diluted with the following solvents: esters and ketones. For a good rate of evaporation when the application is made with a handgun, the recommended solvent is: methoxy propyl acetate. Apply in a well-ventilated area.

Storage

Recommended Storage Temperature, °C	5 to 40
Shelf life, months (in unopened original packaging)	12

Classification

Please refer to the corresponding **Material Safety Data Sheets** for details on:

Hazards identification
Transport information
Regulatory information

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