

BONDERITE L-GP 12 ACHESON

Known as Berkatekt 12
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PRODUCT DESCRIPTION

BONDERITE L-GP 12 ACHESON provides the following product characteristics:

Technology	Lubricant
Product Type	Mineral dispersion in solvent
Application	Protective coating

BONDERITE L-GP 12 ACHESON is a protective coating for the elimination of oxidation and decarburization during treatment in conventional heat treatment furnaces, and is suitable for the following materials:

Metals and alloys:	Temperature range:
Titanium and its alloys	up to 1.100 °C (=2.012 °F)
Stainless steels	
Nimonic	

BONDERITE L-GP 12 ACHESON is not suitable for reducing furnace atmospheres and requires at least 10 % Oxygen to be effective.

TECHNICAL DATA

(as supplied)

(as supplied):

100 °C Volatile Matter, %	92 to 94
Loss on Ignition, %	42 to 44
Flashpoint, °C	10
Colour	red
Diluent	toluene

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.

Method of Use

Components should be thoroughly degreased before application.

- BONDERITE L-GP 12 ACHESON is supplied ready for use by either spraying or dipping. The product is not suitable for brush application.
- If spraying, care should be taken to apply an even thin coating of 0.03 mm.
- Excessively thick coatings do not work as efficiently and are more difficult to remove.

- Apply in a well ventilated, flameproof area.
- required, suitable thinners are available.

Method of removal:

After heat treatment, the residue can be removed by any mechanical means, such as grit blasting, or components can be acid pickled.

Storage

Recommended Storage Temperature, °C	5 to 40
Shelf life, months (in unopened original packaging)	18

Store in a dry place.

Classification

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

Hazards identification
Transport information
Regulatory information

ADDITIONAL INFORMATION

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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