

BONDERITE L-GP BND60A ACHESON

Known as PULVE BND 60A

May 2015

PRODUCT DESCRIPTION

BONDERITE L-GP BND60A ACHESON provides the following product characteristics:

Technology	Lubricant
Product Type	Boron nitride aerosol
Application	Lubrication and release

BONDERITE L-GP BND60A ACHESON is a high temperature lubricant and release agent.

The lubricating pigment is most effective at temperatures between 500 to 1,000°C.

Applied by aerosol can, the coating cures in 15 minutes at room temperature or within a minute when applied to surfaces over 100 °C.

Application

- Long lasting anti-spatter coating on torches and clamps in welding processes such as MAG and MIG.
- Stops weld in diffusion bonding processes.
- Semi-permanent release coating on hot tools in glass moulding and metal forming processes.
- Die lubricant in hot and isothermal forming of metals under vacuum or inert gas. In air, the metals will require an additional protective coating.
- Dry film lubricant for high temperature applications as in gas turbines.

Benefits

- Aerosol packing allows easy application.
- Quick drying, air curing coating.
- Low thermal conductivity.
- Does not react with metals or air in its intended temperature range.
- Long lasting.
- Lubricating and anti-adherent.

TECHNICAL DATA

Lubricant	Micronised hexagonal Boron nitride
Carrier	Solvent mixture
Propellant	See label for propellant used

DIRECTION OF USE

Preliminary Statement

Prior to application 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.

BONDERITE L-GP BND60A ACHESON is ready for use.

Handling

BONDERITE L-GP BND60A ACHESON should be homogenised before use by shaking for at least 30 seconds.

Application

BONDERITE L-GP BND60A ACHESON is applied by spray from about 30 cm distance onto carefully degreased surfaces.

Apply sparingly, excessive coating thickness causes flaking off.

The translucent film becomes opaque upon evaporation of the solvents.

Curing

15 minutes in air at room temperature or shorter at higher temperatures.

Classification

Please refer to the corresponding **Material Safety Data**

Sheets for details on:

Hazardous Information
Transport Regulations
Safety Regulations

Storage

Recommended Storage Temperature, °C	5 to 25
Shelf life, months (in unopened original packaging)	12

Storage in direct sunlight or near heat sources is not allowed.

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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