

BONDERITE L-CA CP 780 ACHESON

Known as Deltacast CP-780

September 2014

PRODUCT DESCRIPTION

BONDERITE L-CA CP 780 ACHESON provides the following product characteristics:

Technology	Lubricants
Product Type	Release agent
Application	High pressure die casting

BONDERITE L-CA CP 780 ACHESON is a state-of-the-art Pressure die-casting release agent supplied in concentrated form.

Our release agents are known for their superb release properties and excellent wetting characteristics at high temperatures, resulting in a very high efficiency.

When used correctly they allow for unhindered use of subsequent painting and plating operations. Furthermore the products are hard water stable.

Special features:

- High Shear Stability
- Less Staining

BONDERITE L-CA CP 780 ACHESON has been formulated to give improved stability under the shearing conditions encountered in modern dilution and central-supply equipment.

BONDERITE L-CA CP 780 ACHESON is capable of delivering cleaner castings consistently, thus reducing scrap rate and costs.

Application:

Release agent for pressure die casting of aluminium and magnesium alloys. BONDERITE L-CA CP 780 ACHESON is perfectly suited for almost any type of castings, particularly heavy, long and thick walled castings, such as gearboxes and engine blocks. BONDERITE L-CA CP 780 ACHESON is designed for spray application. It can be applied manually or automated, by means of reciprocators or robot based spray systems.

TECHNICAL DATA

(as supplied):

Appearance	low viscous, off-white fluid
Pigment	none
Carrier	water
Diluent	water

Solids content, %

28

DIRECTION OF USE

Preliminary Statement:

Prior to use it is necessary to read the **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.

Dilution:

BONDERITE L-CA CP 780 ACHESON emulsions are supplied as a concentrate to be diluted before use, allowing flexibility and economy of use. It is diluted with water, with the ratio determined by the conditions of use and the degree of die cooling required. The diluted product does not require agitation to ensure its homogeneity.

Dilution Ratio:

- 1 part of BONDERITE L-CA CP 780 ACHESON to 150 - 250 parts of water

Classification:

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

Hazards identification
Transport information
Regulatory information

Storage:

Store BONDERITE L-CA CP 780 ACHESON in a cool place, but do not allow it to freeze. Product should not be used once frozen.

Storage in direct sunlight may overheat BONDERITE L-CA CP 780 ACHESON and impair performance.

Always tightly reseal the container to prevent evaporation or contamination.

Shelf Life

- 24 months from date of qualification under original seal.



ADDITIONAL INFORMATION

Disclaimer

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Reference **N/A**