

# BONDERITE L-CA CP 579 ACHESON

Known as Deltacast CP-579

November 2014

## PRODUCT DESCRIPTION

BONDERITE L-CA CP 579 ACHESON provides the following product characteristics:

<b>Technology</b>	Lubricant
<b>Product Type</b>	Release agent
<b>Application</b>	High pressure die casting

BONDERITE L-CA CP 579 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
- Excellent Cleanliness
- High Wetting and Sliding Lubrication

BONDERITE L-CA CP 579 ACHESON has been formulated to give improved stability under the shearing conditions encountered in modern dilution and central-supply equipment.

BONDERITE L-CA CP 579 ACHESON is the ultimate die lubricant when excellent cleanliness is required.

BONDERITE L-CA CP 579 ACHESON has extremely high wetting and sliding lubrication properties without causing build up and staining, which can occur on colder dies when conventional die lubes are used.

## Application

Release agent for pressure die casting of aluminium and magnesium alloys. BONDERITE L-CA CP 579 ACHESON is a highly versatile release agent perfectly suitable for almost any type of casting, especially thin walled castings. BONDERITE L-CA CP 579 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, %	24

## 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.

### Dilution

BONDERITE L-CA CP 579 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 579 ACHESON to 60 - 80 parts of water

### Storage

Store BONDERITE L-CA CP 579 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 579 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.

### 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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