

BONDERITE L-CA CP 579N

April 2021

PRODUCT DESCRIPTION

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

Technology	Lubricant
Product Type	Release agent
Application	High pressure die casting

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

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

BONDERITE L-CA CP 579N 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 579N is a highly versatile release agent perfectly suitable for almost any type of casting, especially thin walled castings. BONDERITE L-CA CP 579N 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

DIRECTIONS FOR 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 579N 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 579N to 60 - 180 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 579N 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 579N 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 1.1