

BONDERITE L-CA CG 708 ACHESON

Known as Deltacast CG-708
September 2016

PRODUCT DESCRIPTION

BONDERITE L-CA CG 708 ACHESON provides the following product characteristics:

| | |
|---------------------|--------------------------------------|
| Technology | Lubricant |
| Product Type | Insulating coating |
| Application | Gravity and low pressure die casting |

BONDERITE L-CA CG 708 ACHESON is a ready for use coarse particle size, water based die dressing for use in gravity and low pressure die casting.

BONDERITE L-CA CG 708 ACHESON is one of a series of insulating coatings, which have been developed to provide a range of controlled chilling rates; BONDERITE L-CA CG 708 ACHESON is a fairly high insulating product. It provides a tenacious long lasting coating which prevents too rapid chilling of the molten metal to facilitate the production of high quality castings.

BONDERITE L-CA CG 708 ACHESON is particularly suitable for application to areas of the mould where a very low cooling rate and/or high metalflow speeds are required.

Application

BONDERITE L-CA CG 708 ACHESON should be applied to die surfaces thoroughly cleaned of dirt, oil, grease and previous coatings. Light sandblasting is ideal, but wire brushing may be sufficient to free the surface of contamination.

Recommended is application of BONDERITE L-CA CG 708 ACHESON on top of primer coating BONDERITE L-CA CG 515 ACHESON.

To achieve uniform, long-lasting coatings, the material should be spray applied to die surfaces pre-heated between 160 to 200 °C. For brush application the surfaces to be treated should be pre-heated between 120 to 140°C.

Several thinner coatings, dried between each application, are preferred over one heavy coating. Coatings can be touched up at normal die working temperatures.

TECHNICAL DATA

(as supplied):

| | |
|--------------------|-------------------------------|
| Appearance | clear, brown liquid |
| Coating insulation | high |
| Pigment | blend of refractory materials |
| Carrier | water |
| Diluent | ready for use |
| Solids content, % | 19 |

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 CG 708 ACHESON is a ready for use product and should not be diluted before application by spray or brush.

On storage a sediment may form in the container. The concentrate should therefore be homogenised before use. Agitation may be sufficient but stirring is preferred.

Storage

Store BONDERITE L-CA CG 708 ACHESON in a cool place, but do not allow it to freeze. Product should not be used once frozen.

Always tightly reseal the container to avoid contamination.

Shelf Life

- 6 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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