

BONDERITE L-CA 696 ACHESON

Known as Deltacast 696

August 2016

PRODUCT DESCRIPTION

BONDERITE L-CA 696 ACHESON provides the following product characteristics:

Technology	Lubricant
Product Type	Ladle coating
Application	Light metal casting

BONDERITE L-CA 696 ACHESON is a soft grease, containing refractory pigments and is designed for painting onto ladles or other surfaces in need of protection from attack by molten metals or fluxes.

When immersed in molten metal it produces a dry, aerated insulating coating which is extremely effective in repelling molten metal.

Special features

- **Extremely effective in repelling molten metal**
- **Easy application and repair**
- **Insulating - reduces thermal fatigue**
- **Designed to reduce hazards**
- **Long coating life and easily removable**

BONDERITE L-CA 696 ACHESON has been designed to facilitate easy application and repair of coatings, providing a long coating life. Its formulation has been optimized to minimize hazards during application and use.

BONDERITE L-CA 696 ACHESON prolongs the life of protected items both directly, but also indirectly as a result of the ease of coating removal without damaging the substrate. Its insulating properties provide protection against thermal fatigue.

Application

Ladler and launder coating for the Light metal casting industry.

TECHNICAL DATA

(as supplied):

Pigment	reflectory pigment
Carrier	selected mineral oils
Diluent	not recommended
Density, kg/m ³	1,250
Consistency	NLGI grade 0

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.

Handling

BONDERITE L-CA 696 ACHESON is ready for use. Its consistency promotes facile correct application. BONDERITE L-CA 696 ACHESON requires no special treatment. Dilution is not recommended.

Application

It is recommended that surfaces to be coated are thoroughly cleaned for example by grit blasting.

Best results are obtained by brushing BONDERITE L-CA 696 ACHESON onto surfaces pre-heated to between 120 and 150 °C.

Cold application is also possible. In this case the coating should be allowed to dry before use.

The coating is "cured" by the first immersion in molten metal.

It is not detrimental to the coating if it flames a little during this stage of application.

In areas of high wear the coating may be repaired by a further brush application of BONDERITE L-CA 696 ACHESON.

Coating life varies with the conditions of use and the formulation of the melt.

Disposal

BONDERITE L-CA 696 ACHESON does not mix readily with water and may be removed from waste water with oil skimmers. Spills should be collected and mopped up with absorbent material. Cleaning up can be completed with solvents such as white spirit. BONDERITE L-CA 696 ACHESON may be burnt under controlled conditions.

Coating removal

Residual coatings are usually removed with compressed air. Occasional thorough cleaning by grit or bead blasting may be desirable for some applications.

Classification

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

- Hazards identification**
- Transport information**
- Regulatory information**

Storage

Store BONDERITE L-CA 696 ACHESON between 0 °C and 35 °C. Freezing will not damage the stability of the product.

Storage in direct sunlight may overheat BONDERITE L-CA 696 ACHESON and impair performance.

Always tightly reseal the container to prevent evaporation or contamination.

Shelf Life

-12 months from date of qualification under original seal.

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.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

In case products are delivered by Henkel Belgium NV, Henkel Electronic Materials NV, Henkel Nederland BV, Henkel Technologies France SAS and Henkel France SA please additionally note the following:

In case Henkel would be nevertheless held liable, on whatever legal ground, Henkel's liability will in no event exceed the amount of the concerned delivery.

In case products are delivered by Henkel Colombiana, S.A.S. the following disclaimer is applicable:

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. 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.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

In case products are delivered by Henkel Corporation, Resin Technology Group, Inc., or Henkel Canada Corporation, the following disclaimer is applicable:

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

Trademark usage

Except as otherwise noted, all trademarks in this document are trademarks of Henkel Corporation in the U.S. and elsewhere. ® denotes a trademark registered in the U.S. Patent and Trademark Office.

Reference 0.0