

BONDERITE L-CA 696 ACHESON CASTING LUBRICANT (KNOWN AS DELTACAST 696)

Issued 6/5/2013

DESCRIPTION

BONDERITE L-CA 696 ACHESON (known as DELTACAST 696) 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.

Although **BONDERITE L-CA 696 ACHESON (known as DELTACAST 696)** was specially designed for use in aluminum foundries it can also be used with other metals. Its formulation, consistency and method of application were designed to minimize hazards and errors in application. **BONDERITE L-CA 696 ACHESON (known as DELTACAST 696)** prolongs the life of protected items both directly and also indirectly as a result of the ease of removal of coatings when required.

BENEFITS

- Effectively repels molten metal
- Long coating life
- Simple application method – minimized errors
- Simple repair of coatings
- Insulating – reduces thermal fatigue
- Easily removable without damaging substrate
- Designed to reduce hazards

TYPICAL APPLICATIONS

- Ladle coating for the light metal casting industry

PHYSICAL PROPERTIES
(as supplied)

Lubricant:	refractory pigments
Carrier:	selected mineral oils
Diluent:	not recommended
Density:	9.9 lbs/gallon
Consistency::	NLGI grade 0
Shelf Life:	12 months from date of qualification under original seal

METHOD OF USE

BONDERITE L-CA 696 ACHESON (known as DELTACAST 696) is ready for use. Its consistency promotes easy correct application. **BONDERITE L-CA 696 ACHESON (known as DELTACAST 696)** requires no special treatment. Dilution is not recommended.

Application

1. Pre-warm ladle to 121°-177C° (250°-350°F).
2. Brush **BONDERITE L-CA 696 ACHESON (known as DELTACAST 696)** on ladle.
3. Cure/dry coating for 10-24 hours at 246°C (475°F). For instance, leave the ladle near an oven.
4. After proper curing the ladle can be used.

Disposal

BONDERITE L-CA 696 ACHESON (known as DELTACAST 696) does not mix readily with water and may be removed from wastewater with oil skimmers. Spills should be collected and mopped up with absorbent material. Cleaning up can



BONDERITE L-CA 696 ACHESON CASTING LUBRICANT (KNOWN AS DELTACAST 696)

be completed with solvents such as white spirit. BONDERITE L-CA 696 ACHESON (known as DELTACAST 696) may be burnt under controlled conditions.

Coating Removal

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

STORAGE/ HANDLING

- Freezing will not damage the stability of the product
- Storage in direct sunlight may overheat the product and impair its quality
- Reseal containers after use to avoid contamination

APPLICATION ASSISTANCE

Henkel representatives are available to assist you in production start-up with **BONDERITE L-CA 696 ACHESON (known as DELTACAST 696)**. For more information, visit our website at www.henkelna.com/metals for the Henkel global location nearest you.

HEALTH & SAFETY

Tightly seal container when not in use. See Henkel Material Safety Data Sheet for proper first aid instructions.

NOTES

See separate Material Safety Data Sheet for health and safety details.

Henkel Corporation | 32100 Stephenson Highway | Madison Heights, MI 48071
PHONE: (248) 583-9300 | FAX: (248) 583-2976 | www.henkelna.com/

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.

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.

