



SPECIFICATION SHEET
Crete-Lease "BREAK-IN" ALUMINUM FORM CONDITIONER

Crete-Lease "Break-In" Aluminum Form Conditioner conditions (or oxidizes) aluminum forms before the forms are used with concrete. It also acts as a cleaning agent to remove concrete build-up. *Updated May 2007.*

Environmental Report Card

Non-flammable.....Yes
VOC compliant.....Yes
Solventless.....Yes
Water based.....Yes

1. PRODUCT

Crete-Lease "Break-In" Aluminum Form Conditioner

2. MANUFACTURER

Cresset Chemical Company, Inc.

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3. PRODUCT DESCRIPTION

Basic Use: To condition surfaces of new, unused aluminum forms before their first use with fresh concrete. Crete-Lease "Break-In" conditions (or oxidizes) the aluminum surface to better keep concrete from sticking. Crete-Lease "Break-In" Aluminum Form Conditioner:

- Conditions forms even at 45°F
- Is not as messy as "liming"
- Removes residual oils

Limitations: a) Test before using. b) Though "Break-In" freezes, it is not damaged by freezing. c) Do not use below 45°F. Below about 55°F the speed of "conditioning" by "Break-In" begins to slow down fast. Conditioning stops below 45°F.

Ground Shipping in the USA: Containers holding more than 1 gallon require federally mandated procedures for the driver, container and shipping papers. See Cresset brochure "Ground Shipping" for details.

4. TECHNICAL DATA

Please see Tables.

TABLE OF PROPERTIES

		<u>Metric</u>
Color	Straw	Straw
Opacity	Clear	Clear
Freeze Temperature	30° F	-1° C
Freeze Damage	Simply Remix	Simply Remix
Flash Point	NA	NA
Viscosity (centipoises)	250 @ 68° F	250 @ 20° C
pH	13	13
Density	8.4 lbs/gal	1005 g/L
VOC (Volatile Organic Compounds)	20 g/L	20 g/L
VOC (Volatile Organic Compounds)	0.16 lbs/gal	---

Composition: A proprietary blend of surfactants in a high PH solution.

COVERAGE WITH "BREAK-IN"

200 to 300 sq ft/gal

BUBBLING TIME

Mid Summer about 45 minutes
At 45°F minimum of 60 minutes (or until bubbling stops)

5. APPLICATION

Preparatory Work: Typically, aluminum forms from most manufacturers have a small amount of residual processing oil on them. Crete-Lease "Break-In" removes this oil.

Application: Arrange forms horizontally. Roll Crete-Lease "Break-In" onto the forms. Roll with 3/4" or longer nap roller. Roll in one uniform direction (back and forth), then roll 90 degrees to that (back and forth). Within minutes the forms appear to be covered with a thin layer of bubbles that look like shaving cream. Leave for about one hour or until bubbling stops. See Table for suggested times.

In hot, dry weather, forms being treated with "Break-In" will dry...this stops the conditioning process. When form begin to dry, simply *mist* water onto the treated area.

Hose off - use pressures found in city water systems, i.e., 100 psi or lower to wash off "Break-In". (Caution: Higher pressures and/or the use of brooms will remove some of the conditioned surface.)

Final Appearance: Properly conditioned aluminum forms have a uniform, dull, gray surface. Shiny surface areas are not properly conditioned. Reconditioning is recommended. Where reconditioning is required, recondition the whole panel.

6. AVAILABILITY AND COST

Availability: Crete-Lease "Break-In" is available in 1 and 5 gallon containers; recyclable blue and white 55 gallon drums and 275 gallon MegaPaks. Contact Cresset Chemical Company for your nearest distributor.

Cost: The cost on hard, smooth surfaces is about \$0.04 per square foot (January 2007).

7. LIMITED WARRANTY

Cresset Chemical Company warrants the product against defects in materials for a period of 1 year from purchase. If Cresset receives notice of such defects during the warranty period, Cresset at its option will either replace the product or refund the purchase price. THE WARRANTY SET FORTH ABOVE IS EXCLUSIVE AND NO OTHER WARRANTY, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED. CRESSET SPECIFICALLY DISCLAIMS THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE REMEDIES PROVIDED HEREIN ARE BUYER'S SOLE AND EXCLUSIVE REMEDIES. IN NO EVENT SHALL CRESSET CHEMICAL COMPANY BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOSS OF PROFIT) WHETHER BASED ON CONTRACT, TORT OR ANY OTHER LEGAL THEORY.

8. MAINTENANCE

Not required.

9. TECHNICAL SERVICES

Cresset Chemical Company specializes in developing, distributing and servicing release agents. Our technical support includes assistance in optimizing concrete mixtures for achieving architectural surfaces; release agent compatibility with superplasticizers, coatings, form facings, etc.; and solving other concrete surface blemish problems.

Free literature includes:

- Catalog of products
- Material Safety Data Sheets
- "Cresset Concrete Standards" (Application techniques to obtain high visual impact concrete surfaces)
- "Surface Voids and How to Eliminate Them"

Over 75 distributors in the United States, Canada, Australia and Germany to serve you. Your technical inquiries are welcome, please call, write or FAX.

For the most up-to-date copy please download from Cresset Chemical Company's web site, www.cresset.com, or contact us for a printed copy.

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