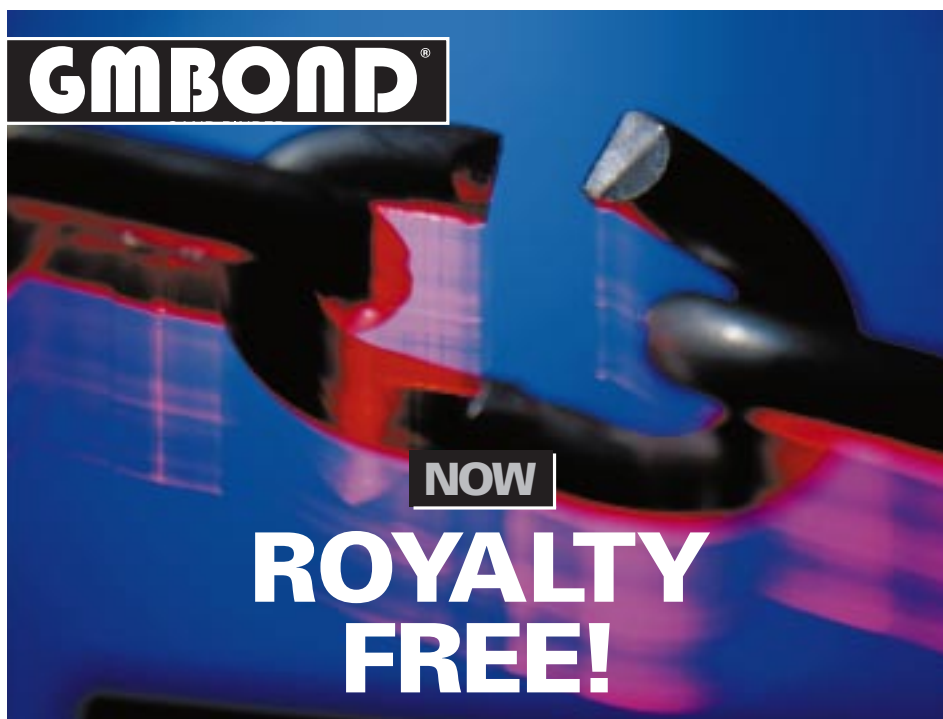


# UPDATE

Spring 2002



Hormel Foods Specialty Products Division and General Motors Corporation have reached an agreement on the patents for the GMBOND® Sand Binder.

Under the new agreement, General Motors, which owns the patents, gives Hormel Foods a worldwide, exclusive license.

This agreement will allow Hormel Foods to sell GMBOND® to foundries while doing away with their obligation to make royalty payments to General Motors. Foundries that convert to the GMBOND® binder system will be able to do so at significant savings.

## INSIDE

- Yuliy Yunovich joins GMBOND® Team as Metalcasting Technologist
- GMBOND® Launches On-Site Core Room
- CERP Provides Funding to SMI for GMBOND® Testing
- [www.GMBOND.com](http://www.GMBOND.com) Aimed at Japanese Audience



*Specialty Products*



## Hormel Welcomes a New Metalcasting Expert to its Team

Yuliy Yunovich joined the GMBOND® team last fall as a metalcasting technologist. Yuliy spends most of his time working with Hormel's new core machine and spearheading GMBOND® research and development efforts. As part of Hormel's focus on product development, Yuliy is testing other applications for GMBOND®.

Yuliy has over 30 years of experience in the metalcasting industry, including work in technology, processing, manufacturing, and product support. He has worked at several industry leaders, including Delta-HA as a technical application manager, Ashland Chemical Co. as a staff scientist and product manager, and the Jahn Foundry Corp. as a supervisor. Yunovich also oversaw research and development at the Central Institute of Technology in Moscow for over 10 years. Yunovich earned an M.S. degree in metallurgy from Moscow Technical University in 1966.

## Hormel Unveils New Core Room for GMBOND® Testing

Hormel has created an innovative on-site core room to conduct in-depth testing and analysis on GMBOND® applications. The core room is comprised of a core machine

and ancillary casting equipment, enabling researchers to perform and evaluate an end-to-end casting process. The core room is also used for technology transfer, including a casting workshop for potential and existing clients.



◀ Core Machine

## Saginaw Malleable Iron Foundry to Test GMBOND®

The Casting Emissions Reduction Program (CERP) recently allocated funding for the Saginaw Malleable Iron (SMI) Foundry in Michigan to implement and test GMBOND® in a commercial environment.

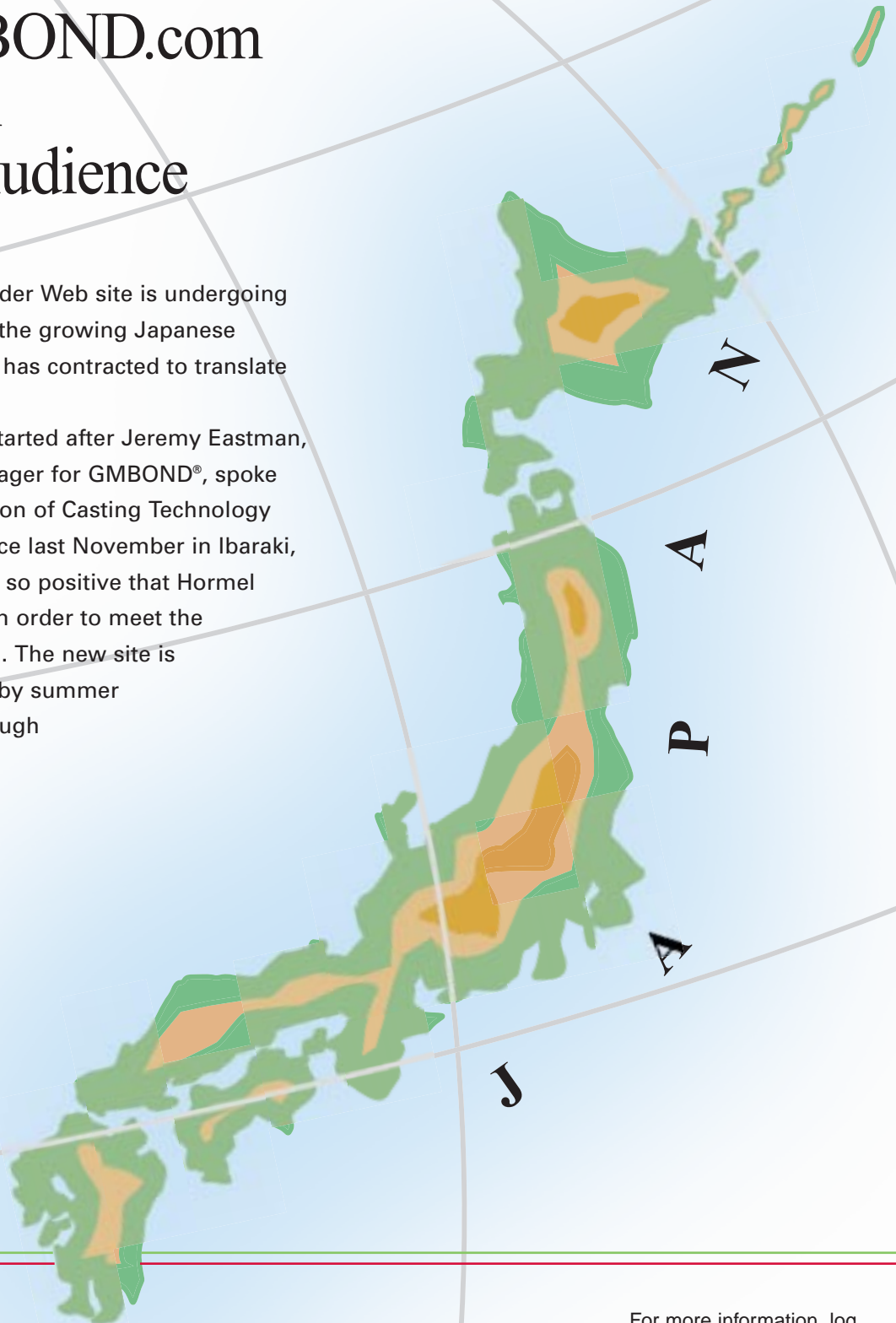
CERP is an applied research project administered by the U.S. Army in partnership with the Environmental Protection Agency and the U.S. Council for Automotive Research (USCAR). CERP will design and install the

*CERP continued on page 4*

## www.GMBOND.com Will Reach Japanese Audience

The GMBOND® Sand Binder Web site is undergoing a major facelift. To reach the growing Japanese foundry industry, Hormel has contracted to translate the site into Japanese.

The project was started after Jeremy Eastman, sales and marketing manager for GMBOND®, spoke at the Japanese Association of Casting Technology (JACT) Autumn Conference last November in Ibaraki, Japan. The response was so positive that Hormel realized it needed to act in order to meet the growing interest in Japan. The new site is expected to be complete by summer and can be accessed through [www.gmbond.com](http://www.gmbond.com).



For more information, log  
on to [www.gmbond.com](http://www.gmbond.com),  
or call 800-956-0399.

## FATA ALUMINIUM

### *Named Preferred Core Machine Supplier*

Hormel recently named FATA Aluminium its preferred supplier of core machines. FATA ([www.fataaluminium.com](http://www.fataaluminium.com)), headquartered in Turin, Italy, is a leading supplier of casting machinery and tooling worldwide.

FATA has also been contracted by Teksid, an Italian casting producer, to perform casting tests on GMBOND® at its research and development facility.

FATA Aluminium is part of the FATA Group, a diversified industrial holding company operating in industrial plant engineering, contracting, and manufacturing.



*Specialty Products*

*CERP continued from page 2*

specialized equipment and processes required for testing. SMI and CERP will work together to evaluate GMBOND® for cost, scalability, cycle time, and quality of castings. The testing is expected to be completed by 2004.

In its request for funding, CERP listed the following benefits of GMBOND®:

- Low air emissions;
- No need for catalyst gas (further reducing air emissions and employee exposure to hazards);
- Significantly less waste generation, because the material is easily reclaimed for reuse.

The funding was backed by the United Auto Workers union and Michigan Senators Carl Levin and Debbie Stabenow.

©2002 Hormel Foods Specialty Products Division

GMBOND®  
SAND BINDER

## UPDATE

Hormel Foods Corporation  
Specialty Products Division  
1 Hormel Place  
Austin, MN 55912-3680