

# OMNOVA Solutions Inc.

The Wisconsin Environmental  
Working Group and WMC have  
recognized OMNOVA Solutions Inc.  
as a 2008 Wisconsin Business Friend  
of the Environment Award Winner.

The award recognizes companies  
that have demonstrated leadership  
in environmental protection.



Environmental Protection ...  
Wisconsin Industry  
Demonstrating Leadership.

## OMNOVA Solutions Inc.

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Located in Green Bay, OMNOVA Solutions, Inc. employs fifty-five people as part of the company's Performance Chemicals business segment. The OMNOVA Solutions Green Bay facility was built in 1992, and produces emulsion polymer latex products used in the manufacture of paper, paperboard, and non-woven fabrics. The facility is ISO-9000 certified, and is committed to Responsible Care®, the chemical industry's environmental, health and safety initiative.

A byproduct of the emulsion polymer liquid latex production filtration process is a substance called "prefloc." Prefloc is agglomerated and oversized particles, as well as some salable liquid latex. Historically, the prefloc was sent to the landfill with an average quantity of sixty-seven tons per month.

In March of 2006, as the result of a LEAN SixSigma project, specialized equipment was purchased allowing OMNOVA Solutions to mechanically squeeze most of the remaining liquid latex from the prefloc. This liquid was returned to inventory as a salable product, resulting in over 200 tons of raw materials and their transportation costs being eliminated due to recapture. The remaining prefloc waste stream became drier and lighter, and the average land filled quantity was reduced to less than 50 tons per month.

OMNOVA continued to search for an end-use application for the prefloc, and in March of 2007, an outlet was found for the dried prefloc waste stream as a plastic modifier. As a result of this creative application for the dried prefloc product, and the reuse of the liquid latex, OMNOVA Solutions was able to reduce the landfill waste from more than 800 tons per year down to less than 100 tons per year. In turn, this reduced landfill costs by nearly 85%, and resulted in diverting more than 700 tons per year from landfills.

**For more information about pollution prevention efforts at OMNOVA Solutions Inc., please contact:**

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**For more information on how your company can benefit from environmental protection programs, please contact:**

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