



WOOD REPLACES PLASTIC

Natures Affinity developed and is now manufacturing Biobinder, a 100% natural product, that acts as a fast and durable bonding agent for the production of high performance pulp moulded and paper products.

- BioBinder imparts strength and water-resistance to all pulp materials
- provides sought after characteristics such as biobased recyclability and biodegradability to packaging industries especially in the horticulture, food and health packaging sectors
- new and innovative Canadian-based technology that creates a synergy between natural chemistry and nanotechnology



UTILIZING CANADA'S FORESTS: RESULTS EXPECTED



INNOVATING WITH WOOD

- biodegradable by organisms found in soil and compost
- Biobinder can replace polypropylene, polystyrene and other petroleum-based bonding agents
- water resistant and durable in wet environment
- 20% savings in material use

POTENTIAL OPPORTUNITIES

ENVIRONMENT: REDUCES NEED FOR PETROLEUM-BASED PLASTICS IN HORTICULTURAL PRODUCTS AND FOOD PACKAGING

MARKET: ENHANCES COMPETITIVE POSITION OF THE CANADIAN PULP MOULDED PRODUCT INDUSTRY

ECONOMIC: NEW, INNOVATIVE AND ENVIRONMENTALLY SAFE MATERIAL TO REPLACE PETROLEUM BASED ALTERNATIVES

MARKET: CERTIFIED AS USDA BIOPREFERRED AND BY HEALTH CANADA'S FOOD PACKAGING REGULATIONS



NATURES AFFINITY IS A CANADIAN NANOTECH COMPANY THAT AIMS TO REDUCE PETROLEUM BASED PLASTICS IN A VARIETY OF APPLICATIONS

PROJECT LOCATION: TORONTO, ONTARIO

Our aim is to reduce the global use of petroleum based plastics and thereby reduce our carbon foot print on the planet.

— Sally Kristin, Co-Founder
Natures Affinity Inc.

Investments in Forest Industry Transformation Program: In 2010, Natural Resources Canada's Canadian Forest Service created the Investments in Forest Industry Transformation Program (IFIT) to support Canadian companies to develop and grow markets for new and innovative high-value products using Canada's forest resources. *For more information www.nrcan.gc.ca/forests/federal-programs/13139*

Cat. No. Fo4-87/2016E-PDF (Online) ISBN 978-0-660-06988-3

Aussi disponible en français sous le titre : Le bois remplace le plastique

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