



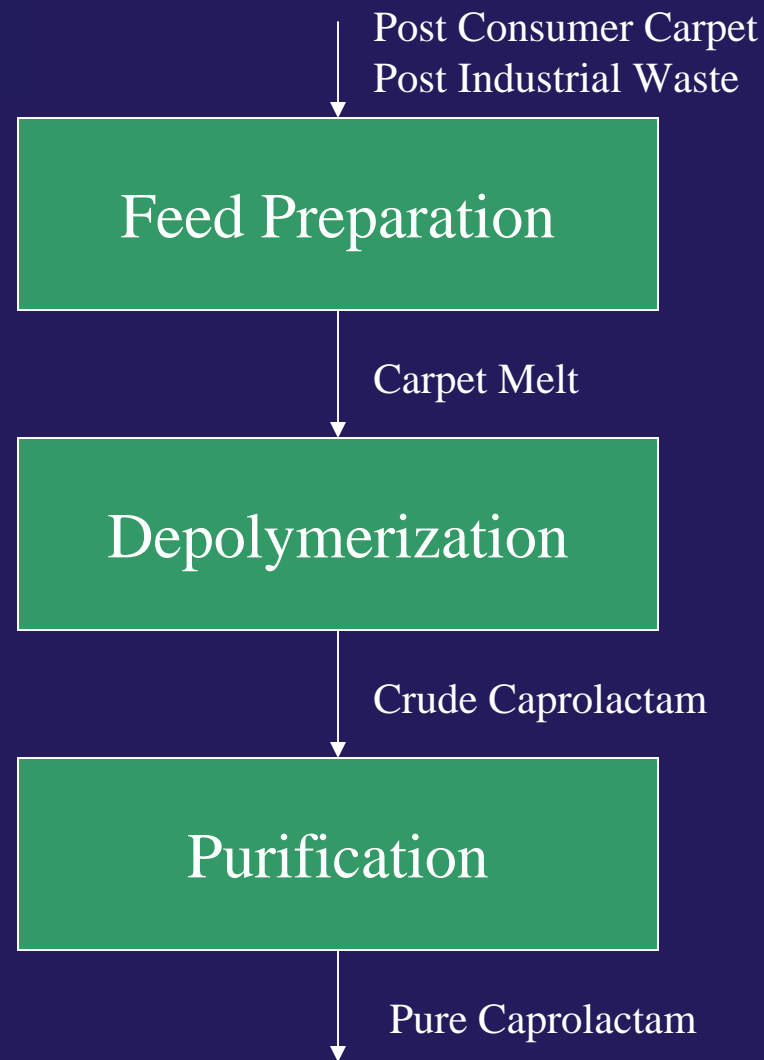
2007 CARE Conference

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Evergreen Nylon Recycling - Process Description





Evergreen Nylon Recycling – History

- June 1998 – The ground breaking of the Evergreen Plant as a JV of AlliedSignal and DSM
- June 1999 - Honeywell and AlliedSignal announce an agreement to merge
- November 1999 - The Evergreen Plant begins operation
- August 2001 - Honeywell and DSM shut down the Evergreen Plant, citing caprolactam market conditions and less than expected output
- September 2005 – Shaw announces the agreement to purchase U.S. nylon carpet fibers business from Honeywell. Shaw acquires a 50% stake in Evergreen Nylon Recycling as part of the deal.
- February 2006 – Shaw acquires the remaining interest in Evergreen Nylon Recycling from DSM
- February 2006 through January 2007 – Shaw and DSM execute a plant rehabilitation and process improvement plan
- February 2007 – The Evergreen Plant begins operation
- April 2007 – The Evergreen Plant has consumed more than 16 lbs of post consumer carpet since the February re-start



Evergreen Nylon Recycling Plant





Evergreen Nylon Recycling - An Initiative of Shaw Green Edge

Progress Driven by Initiatives, not Proclamation

- Product stewardship in action
- Pursuing goals for recycling and reuse of waste carpet
- Reducing the environmental impacts of carpet

www.shawgreeneedge.com – dozens of initiatives and growing



Evergreen Nylon Recycling - An Initiative of Shaw Green Edge

Guided by Shaw Core Values

- Honesty - looking at the environmental and resource challenges
 - Important to develop systems that regard carpet as a resource rather than a waste stream
 - Need for solutions to post consumer waste
- Integrity – commitment to meet those challenges
 - Invested in nylon-6 production
 - Invested in nylon-6 recovery and recycling
- Hard Work – providing real solutions
 - Stepping away from PCC landfill disposal
 - Stepping toward a closed-loop process for our products

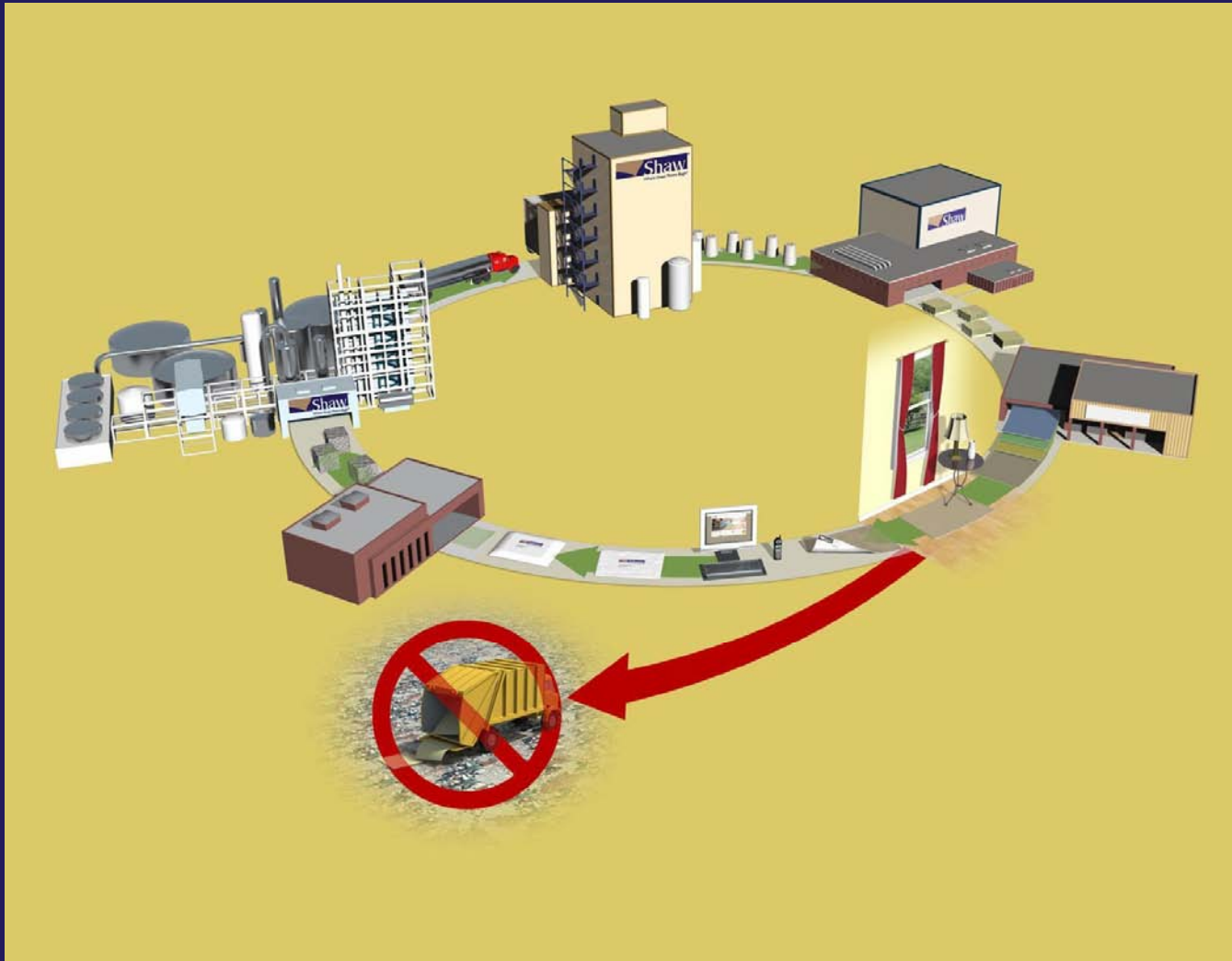


Evergreen Nylon Recycling - An Initiative of Shaw Green Edge

Invested in Long-term Solutions

- Cradle-to-cradle technology – the way to evolve our business toward sufficiency and sustainability
 - Ramp recycling process capacity and collections efforts to track generated PCC volume
- Enterprise of improvement – policy, systems, design, quality of life for employees and customers
 - Shaw's backward integration – learning curve for operating a chemical facility and collections network
 - Diligent design review and action for process improvement

Evergreen Nylon Recycling – Closed Loop Recycling





Evergreen Nylon Recycling – Equipment Rehabilitation and Commissioning

- Activity level very high; accomplished task at world class incident rate
- Collaboration with DSM, ASCI, and RBW
- Coordination of production, maintenance, contractors, equipment vendors, and engineers
- Accomplished by systematic procedures of check-out, PM, repair, replacement, and design improvement
- Dry and wet runs of equipment prior to start-up
- DSM's plant idle procedures were very thorough – system integrity and recovery has been exceptional



Evergreen Nylon Recycling – Process Improvement

- Safety, health, and environment
 - Confident in the operating environment
 - No permit complications or violations
 - Classification and control of unwanted situations; developed and implemented provisions to mitigate risk
- Operational Performance
 - Gaining a good understanding of the process
 - Identifying and pursuing opportunities to excel - on the path of continual improvement
 - Results - achieving goals on consumption, output, and lactam quality



Evergreen Nylon Recycling – Carpet Collection

- Built on Cradle-to-Cradle Philosophy
 - Serving the highest and best use of recycle streams
 - Pulling in more and better sources of sustainable material
 - Evergreen providing the critical mass to anchor the collection of 300 million pounds/yr of carpet of all types
- Carpet Quality Feedback from Evergreen
 - Gaining a good understanding of bale processing
 - Sorting technology a key for identifying and consolidating nylon-6 carpet for Evergreen
 - Testing indicates that content > 98% nylon-6
 - Less foreign material in the bales
 - Bale wire removal and replacement with PET straps translating to improved processing and safety



Evergreen Nylon Recycling – A Factor in the Market

- Anso® Nylon (residential)
 - The longest standing, continuously marketed fiber brand in the residential floor covering industry
 - Among the best fibers available, providing exceptional performance, stain and crush resistance
 - Composed of Nylon 6 that can be recycled back into carpet fiber again and again, endlessly
 - No degradation in performance or limitations in color and styling
- Eco Solution Q and Zeftron (contract market)
 - Contains a minimum of 25% recycled content
 - Fully recycled back into carpet fiber through depolymerization
 - Can be recycled in a continuous loop again and again, forever
 - Sets new benchmarks in durability and tensile strength



Evergreen Nylon Recycling - CARE Instrumental in Re-start

- CARE maintains focus on all aspects of recycling:
 - Identification of serious suppliers and outlets
 - Market development opportunities
 - Track and recognize product / process improvements
- Shaw is very pleased to be a part of this effort
 - Inspired to be good stewards of our products
 - Appreciate support for our cradle-to-cradle development

