

For years, the automotive industry in Germany has reincorporated ground powder into their products. Unfortunately it was not a cost-effective method, nor did it add strength to their existing product.

Compound additives discovered by Wolfgang Unger and developed and sold as Seacast™, resolve the problems of premature catalyzation (due to residual catalyst in the scrap), viscosity and settling problems.

Seawolf Design, Inc. received the Reinforced Plastics Award for a spray-up sandwich material that incorporates a lightweight core, adhesives, and recycled FRP. The Seacast™ material is designed to replace wood and core materials in boats, floors, and other applications. One fifth of the boat's weight is recycle.

**IN AN INDUSTRY
WHERE PENNIES COUNT,
DON'T THROW A VALUABLE
AMOUNT OF MATERIALS
DOWN THE DRAIN!**

In addition, our product has spawned the motivation for a new concept. Our material is now being used by OMC Rydsfabriken in Sweden to produce "ecoboats" from this type of polyester resin waste. Our work on recycling such materials has led us to the production of a new coating material with a surface similar to polished granite.



"Ecoboat" by OMC Rydsfabriken

**Doesn't it
make more sense
to put the materials
you've paid for
back into your
product?
& Go GREEN, TOO!**



Address 701 Eleanor Avenue
New Smyrna Beach, FL 32168
Toll Free 1-877-716-4820
Office 1-386-428-4722
Fax 1-386-428-8236
After Hours 1-386-689-2399
Website www.seawolfindustries.com

STOP



THROWING YOUR MONEY DOWN THE DRAIN!



Recycled FRP fibers for viable and effective re-use.

SEAWOLF'S CUTTING EDGE COMPOSITE FORMULATIONS

allow for a wide variety of applications. Many manufacturers have come to us seeking our line of composite materials and formulations. In cases of specific needs, we have developed custom formulations for our customers.

When seeking effective methods to recover wasted resources the options can be scarce. That is why our company has been driven to seek out better solutions.

The **problems** that have surfaced in recent years include:

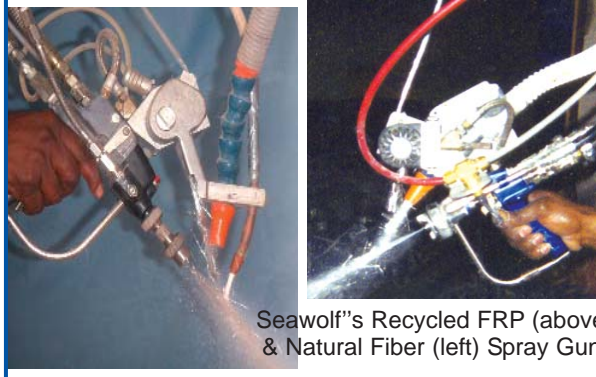
- Decay susceptibility of natural cores and high cost of "mat" type core materials
- Environmental concerns
- Regulative action concerning industrial waste (containing styrene)
- Producer responsibility for waste treatment
- Constantly increasing costs to dump pricey materials
- Increased cost of raw material

THE SCRAP RECYCLING SYSTEM

Seawolf Design, Inc. developed an FRP (fiber-glass reinforced plastic) scrap grinder that can quickly grind scrap to a predetermined fiber length. This way the fibers are left intact. The creation of the FRP scrap grinder has solved one of the industry's major dilemmas into a viable recycle system.

The Scrap Recycling System is environmentally sound and cost effective (ROI of less than 12 months). The **benefits** of using Seawolf's FRP Waste Recycling System include:

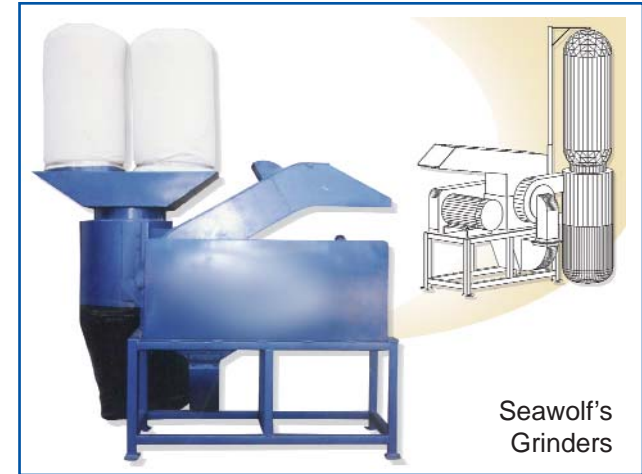
- 10-25% savings on material costs
- Elimination of disposal costs
- Reduction of air pollution and usage of fiberglass reinforcements
- At least 80% reduction in the need for roll-out labor through the use of our No-Roll formulation



Seawolf's Recycled FRP (above) & Natural Fiber (left) Spray Guns

Our system provides a multitude of applications:

- bath tubs and tub showers
- spa and hot tubs
- cormat or wood replacements on boat decks and transoms



Seawolf's Grinders

NOT JUST A FILLER

Our recycling system grinds scrap with our specially designed machine, without destroying the glass fibers, so it is viable for reuse as a reinforcement. Grinders are available to accommodate any size scrap. The ground material is then mixed with polyester or epoxy resin, which is applied in a stream outside of the spray gun as pictured on the left. The formulations can be varied to meet any fire-retardant or other physical property requirements.

Seawolf's Recycled FRP (right) & Natural Fiber (below) Dry Additive Dispensing Equipment

