

GO GREEN and CLEAN with AbTech's Non-Leaching Smart Sponge® Bilge Skimmer



Description

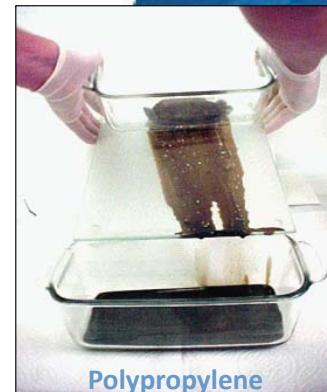
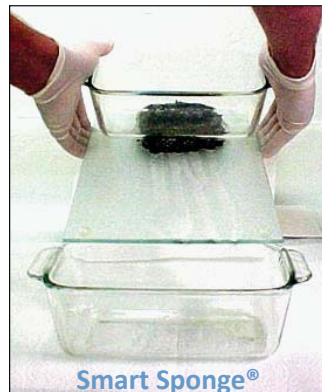
The Smart Sponge® Non-Leaching Bilge Skimmer featuring the Smart Sponge® technology is engineered and designed for permanently encapsulating the petroleum hydrocarbons that appear as oily sheen in the engine compartment during normal boat operation. The Bilge Skimmer will absorb the contaminant and allow the boater to discharge clean water from the bilge pump.

Technology

- Eliminates rainbow sheen in marina and boat bilges
- Absorbs 2-3 times its weight in fuel, and motor oil while repelling water, compared to typical products that absorb water and oil
- Permanently encapsulates oil, gasoline and diesel fuel
- Does not absorb water
- Each unit captures up to 1 quart of oil
- Considered Best Available Technology and Best Management Practice
- Easy to install and maintain
- Landfillable
- Closed-loop recycling program
- Remains completely buoyant
- Helps to keep our waters clean



Be Green and Clean: Eliminate the Oily Mess



Smart Sponge Absorptive polymers have a distinct advantage over traditional polypropylene booms used in oil spill cleanup. These photographs demonstrate that once oil comes in contact with Smart Sponge it is permanently encapsulated in the structure of the polymer cannot be released under any amount of pressure. This makes the Smart Sponge material operationally superior for removing sheen levels of hydrocarbons (15 – 300 ppm).



Specifications

The Bilge Skimmer measures 9" (length) by 4" (width) by 2" depth. A unique capability of the Smart Sponge Technology is the ability to "wick" the petroleum hydrocarbon contaminant into the structure. The macro porous structure allows for maximum surface area contact with the contaminant and therefore continuing absorption efficiency.

The Bilge Skimmer is wrapped in a thin monofilament mesh package designed to maintain structural integrity of the product as well as to allow the maximum surface contact with the oil derived contaminant.

Product Specifications

Product	Dimensions	Unit Weight	Packaging
BSK-60	9in (L) x 4in (W) x 2in (D)	.80lbs	60/carton

Note - AbTech Bilge Skimmers are not designed for use in fluid operating temperatures exceeding 55° C (130°F). Improper use of products may cause them to become structurally compromised, possibly resulting in the loss of absorbent media or obstruction of flow. Long exposure to UV light may result in slight discoloration; however, this discoloration will not significantly affect performance.

Disposal Options

As local conditions, product use, and exposure can vary widely, the end user must determine the most appropriate disposal method for a spent Smart Sponge® or Smart Sponge Plus® product. However Smart Sponge® samples saturated with hydrocarbons both in the lab and in the field have been tested according to the EPA's Toxicity Characteristic Leaching Procedure ("TCLP"). These tests show that Smart Sponge® is a "non-leaching" (i.e., non-detect or "N.D.") product. As a result, Smart Sponge® technology can afford many cost effective and environmentally friendly disposal options. The following waste disposal and resource recovery industries have accepted spent Smart Sponge® products for disposal and/or recycling.

Waste-to-Energy Facilities - A specialized segment of the solid waste industry has used spent Smart Sponge® as an alternative fuel in the production of electricity. WTE is acknowledged at the federal level as a renewable energy source under the Federal Power Act, Title IV of the Clean Air Act and is a participant in the Department of Energy's National Renewable Energy Program.

Cement Kilns - This industry has used the spent Smart Sponge® as an alternative fuel in the production process of Portland Cement. This process is considered a beneficial reuse of waste products. The BTU value of spent Smart Sponge® is consistently above the average acceptable levels set for this high temperature.

Landfills - As discussed above, spent Smart Sponge® products have been classified as a solid waste and have been accepted at Subtitle D Landfills.

For more information about the Smart Sponge® technology, visit www.abtechindustries.com or call 1-800-545-8999.

Please keep in mind that, depending upon local conditions, product use, and exposure, a spent Smart Sponge® product could contain one or more of a wide range of contaminants that may impact available disposal options. As a result, generators of spent Smart Sponge products must have their waste analyzed, tested, and classified to determine the appropriate disposal method.

AbTech Industries does not take any responsibility for handling, transport, disposal, or recycling of spent Smart Sponge® products. For a more detailed disposal/recycle overview, please see the "Smart Sponge® Products Disposal Option" documents available upon request from AbTech Industries.

AbTech Smart Sponge® products have been extensively tested both in the laboratory and in the field – with additional testing on-going all the time. Nevertheless, because local conditions, product use, and exposure can vary widely, individual results may differ.

AbTech Smart Sponge® products must be used properly and in accordance with all manufacturer instructions. AbTech Industries does not take responsibility for any product misuse.



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MAKERS OF
smart sponge
PRODUCTS

08/31/10