

Product Material Information

Coir, also known as 'coir fiber pith', is a natural and renewable resource that is free of any chemicals and toxins, produced as a by-product when coconut husks are processed for the extraction of the long fibers. The coir is washed, heat treated, screened and graded to a unique absorbent specification before being packaged. SpillFix Universal Organic Absorbent is consistent and uniform in texture and is a completely homogeneous material composed of millions of capillary micro-sponges.

Coir Pith (image magnification X350)

It has been estimated that the surface area of Coir Peat to be approximately 0.6ha (6000M2) in a single liter of coir. The large surface area is created by the hollow channel structure.

It can absorb and hold up to 9 times its own weight in liquids.

ABSORBENT	ABSORBENCY	
	MASS	VOLUME
.....		
SpillFix Universal (Coir)	295%	67%
.....		
Diatomite (Clay)	40%	27%

It demonstrates a preference for hydrocarbons over water and will remove hydrocarbons from an oil/water emulsion making it suitable for emergency road response application.

SpillFix Universal Organic Absorbent is a highly stable absorbent that is suitable for use in a wide range of hazardous spill applications including acids and caustics. The inert nature of the media does not cause any reaction with unstable liquid chemicals.

SpillFix Universal Organic Absorbent has been tested to the USEPA Leachate standards for landfill disposal (always confer with local authorities). It is biologically stable and free of harmful micro-organisms. When absorbed media is disposed of it provides a perfect environment for the development of bio-degradating organisms that can oxidize contaminated waste.

