

May 31, 2010

*Technologies Compendium
Castle Concepts*

An entire group of viable as well as sustainable technologies has been developed by Dr. R. Michael Castle of Castle Concepts Consultants over the past 21 years. Here is a brief description and listing of groups and intended purposes.

1. AmeriHaz: Oil Spill Abatement/Remediation Products and Services
 - Natural/Synthetic/Engineered Polymer Solidifiers
 - Encapsulates all liquid Petroleum substances;
 - Abates all Benzene diffusion into water column;
 - Self-diking, leading edges, no floating Boom necessary;
 - Will not sink even when saturated with oils/fuels;
 - Completely solidifies (i.e., crude oil, gasoline and diesel) within minutes;
 - Does NOT ABSORB WATER (FRESH OR SALT WATER);
 - May be “towed” to shoreline for pick-up and disposal operations;
 - Incineration of solidified petroleum has a 0.04 percentage ash residue.
 - Dropped into a breached Oil Storage Tank, AmeriHaz will mitigate leaking.
 - Passes all USEPA protocols for Toxicity Testing, rated “Zero-24”.
 - Solidified Fuel / Crude display **Reduced Fire/Explosion Risks.**