



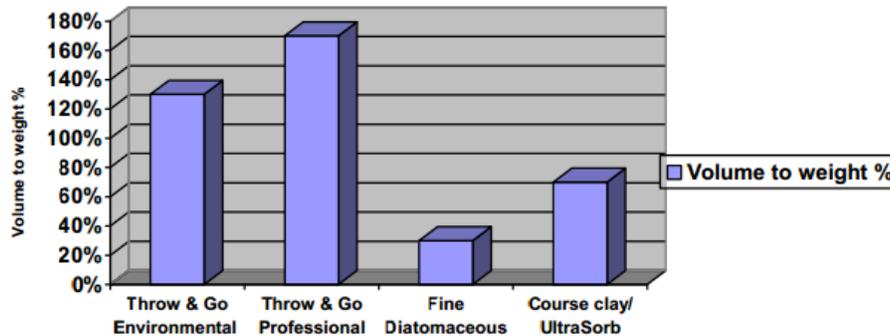
## AmeriZorb Throw & Go ABSORPTION COMPARISONS

### Test

Samples of industrial adsorbent clay product and diatomaceous earth were compared to AmeriZorb Throw & Go for oil retention capacity.

### Procedure

Product dry weight, oil saturation of products with 24 hour drainage before the final weight was taken.



Data	Sample size	Oil retained	g % retained
Throw & Go Environmental	42.5g	55.7	130%
Throw & Go Professional	41.2	69.3	170%
Fine diatomaceous	42.8	15.5	30%
Course clay / UltraSorb	42.8	30.9	70%

### Discussion

AmeriZorb products are true **absorbents** and significantly better in oil holding capacity compared to clay or diatomaceous earth **adsorbent** products. Diatomaceous earth products are dense adsorbent particles that have little to no ability for internal **absorption**. The adsorbent capability is therefore reduced and results in low percentage results.

UltraSorb is a clay product that has some ability to **absorb** as well **adsorb**. The test reflected the ability to perform better than diatomaceous earth. One of the negative features of this product is the time duration needed to get adequate surface contact to actually perform. It appears that there might be some internal absorbent characteristics in this product.

### Results

Throw & Go products are approximately twice as effective in oil absorption as clay and four to five times more effective than diatomaceous earth. Prior testing proves leaching problems with both clay and diatomaceous earth products. AmeriZorb Throw & Go products have very little to no leaching when properly administered and will absorb one to one by volume with no forced contact. One cup of Throw & Go absorbent will absorb one cup of hydrocarbon product.

Testing and Document preparation:

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