



Some Important Comparison Facts

- 1) Sphag Sorb has an extremely high absorbency rate, so the savings are recovered in the reduced amount of product that needs to be shipped. Although you may still be shipping a 55 gallon drum of waste, the Sphag Sorb drum will have higher oil to absorbent ratio than polypropylene, or clay absorbents (Floor Dry). For example 30 gallons of oil can be absorbed by Sphag Sorb and fill 0.85 of a 55 gallon drum, in comparison to clay products which would require 1.5 drums.
- 2) It should also be mentioned that there will be a savings in labor to clean up a spill because Sphag Sorb absorbs instantly and does not require someone to stand over and mix it as clay products do.
- 3) Sphag Sorb is much lighter and easier to work with for employees which are a benefit personally to them and the company.
- 4) It may also be an idea to find out right from the point of disposal exactly how disposal is taking place. If the products are all being incinerated there is a definite advantage as Sphag Sorb will require less energy to burn because it generates some of its own 7,500 BTU's. This could actually used as an alternate fuel source to incinerate other absorbents that do not burn (Clay). This would be a means of savings reduction at the incineration site by using Sphag Sorb rather than a cost, if this is worth checking out the incinerator may be happy to receive all he can for free (no disposal price?).
- 5) Clay products are unique in that they are seen as a very inexpensive adsorbent by the initial price, but are expensive at the back end in the amounts of waste that is generated and shipped. This is due to the fact that clay is bulky and requires so much more to pick up oil, where most absorbents are costly right up front.



These calculations are based on 30 gallons of oil absorbed for disposal.

Type # 1 Clay Absorbent

30 gallons of oil would require 12 bags of Type # 1 @

\$ 5.00 = \$60.00

This would need 1.5 55 gallon drums to carry it @

\$250.00 = \$375.50

Total \$435.50

Polypropylene

30 Gallons would require 350 pads @

\$0.75 (to adsorb) = \$262.50

This amount would require 1.75 – 55 Gallon drums @

\$250.00 = \$437.50

Total \$700.00

Sphag Sorb

30 Gallons would require 3 bags of Sphag Sorb @

\$29.95 = \$ 89.85

This amount would require 0.85 of a 55 Gallon drum @

\$250.00 = \$212.50

Total \$302.35

This results in a 31% savings in the total cost of disposal not just the price of absorbent.