

PetroPad™ Smart Polymer Spill Pad

How does PetroPad retain hydrocarbons permanently?

The exclusive smart polymer technology featured in the PetroPad absorbs incidental spills and leaks and transforms them into an insoluble material. Trapped inside the pad, the solidified contaminants will not leak out and cannot be flushed out by rainfall or even power washing.

How does PetroPad contain hydrocarbons without sidewalls?

The smart polymer is embedded in a geotextile fabric which captures and solidifies hydrocarbons within the pad, eliminating the need for sidewalls. It's important to note that PetroPad is only meant for incidental drips, spills and leaks and not large volume quantities of hydrocarbons at any one time.

Why is PetroPad a better value than other products?

While the initial purchase price is higher when compared to competitive products the cost of ownership over the lifetime of the PetroPad can be substantially less:

1. PetroPad is the only product that retains hydrocarbons permanently. Other products can and often do overflow or leak resulting in large fines.
2. PetroPad has a greater hydrocarbon capacity.
3. There are five sizes of PetroPad compared to three for the leading competitor. PetroPad users can save significantly by choosing the intermediate sizes of the PetroPad that are a better fit for their equipment.
4. When used outdoors, competitive spill containment will often fill with rainwater and become cross-contaminated, thus resulting in an entire spill tray or absorbent-style product that will need to be properly disposed of. With a PetroPad, users only pay to dispose of the hydrocarbons, not rainwater.

How do you know when a PetroPad needs to be replaced?

When the smart polymer reacts with hydrocarbons it doubles in thickness. When the PetroPad has doubled in thickness all over, it is ready to be replaced.

How should used PetroPads be disposed?

The PetroPad has no special EPA (Environmental Protection Agency) requirements and can be disposed of in your normal hazardous waste bins. With traditional oil absorbent spill trays, you are capturing, storing, and disposing of liquid hydrocarbons which are highly flammable. Our smart polymers convert hydrocarbons into a solid rubber substance which has significantly lower flammability and off-gassing properties.

How long will a PetroPad last?

A PetroPad is a reliable spill containment solution until it has reached its hydrocarbon capacity. If the frequency and volume of spills is low, a PetroPad can last for years.

Is the smart polymer used in PetroPad a hazard to health?

No, the smart polymers are non-toxic, non-carcinogenic and have no special EPA requirements. While PetroPad does carry a California Proposition 65 warning, this is due to a chemical used in the making of the poly-vinyl housing.

How does PetroPad create less waste?

Rigid or absorbent spill trays fill with rainwater which mixes with the hydrocarbons in the tray. This water is classed as contaminated waste and should be disposed of responsibly, in a hazardous waste bin. Therefore, every time it rains you are generating liters of waste which increases your waste disposal costs. Unfortunately, the impracticality of moving flooded trays and absorbent pads means that they are usually just emptied onto the ground by workers. In practice, spill trays and absorbent pads do not prevent pollution, they simply delay it.

For what applications should PetroPad be used?

Incidental spills and leaks. It is important to bear in mind that neither spill trays nor the PetroPad have been designed to contain catastrophic leaks or spills. If there is a risk of this – for example, a punctured oil drum – then you should be using secondary containment, such as a berm, with at least 110% capacity of the risk.

Does the PetroPad have a shelf life?

No, neither the smart polymer nor the fabric used in the PetroPad will degrade over time.

How is the PetroPad stored when not in use?

Since hydrocarbons are quickly absorbed and permanently solidified the PetroPad may be conveniently stowed vertically using the integrated hanging loop.

Does the PetroPad contain silica?

No, this product works with a hydrocarbon binding polymer and does not contain silica.

Is the PetroPad covered under warranty?

The PetroPad does come with a limited one-year warranty on material and workmanship under normal conditions.