

Spill Solved

What you should know about

Kitty Litter & Clay Absorbents

Kitty litter and clay-based products are probably the most common types of materials being used because they have been around for generations and are easily accessible. Many who are using these types of materials may be unaware that there are products available that work better and can be much more cost-efficient as well.

Kitty litter, DE & clay-based products may seem like a good choice because they are usually very inexpensive. However, they can actually cost more in the long run if you consider the lack of performance, effort required to use, safety & health risks, liability, waste generation and proper disposal costs. Studies show these materials are simply outdated and are an ineffective technology.



This image is taken from a facility where a technician was working a machine while standing in an absorbent material. The worker slipped and hit his head on the machinery, causing a serious injury. Unfortunately, these kinds of accidents do happen. Don't let this happen to you, it can cost you your business. These liabilities are unnecessary and they are easily avoidable. Using Spill Solved can greatly reduce these types of accidents.

Some types of materials need to be left covering a spill for a long period of time in order to absorb the liquid and they are not worth the risk or liability. Not only do they create a messy environment, but they can be a safety concern in a number of other ways. Toxic carcinogen dust, ignitability, reactivity are just a few.

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Comparing Products:

We don't claim to be the expert on what materials you should be using to clean up a spill. We simply want to share what we have learned from our clients that have used these types of materials prior to switching to Spill Solved, and the results we have gained from our own research and testing.

Our advice is to do the research and compare products before you buy. Don't be misled into thinking a product is non-toxic, reusable or safe for landfill disposal just because of what the package says. Read the fine print and SDS to understand what you are using and what your disposal options are. If the product is not backed by a 100% guarantee, you can probably do much better. You might be violating regulations without knowing it. Contact us and we will be happy to help you determine what the proper disposal guidelines are in your area.

We have compared Spill Solved to the most common absorbents available and we have not found a product that works faster or is more effective. Nothing we can find is able to be reused immediately and with the same effectiveness as Spill Solved. Spill Solved is a multi-purpose absorbent and will work on most known liquids and semi-liquids with the only known exception being Hydrofluoric Acid.

We are always up for a good challenge so we will accept any opportunity to demonstrate Spill Solved's superior performance. Contact us today to discuss the types of liquids you work with and the absorbents you use. We will be happy to visit your facility, or we can upload a video documenting a fair and detailed product comparison. If Spill Solved isn't the best, we want to know about it!

We know that there are many absorbent products for you to choose from. We are confident Spill Solved is a Safer, Faster, Cleaner and Easier product to use and that is why we offer a 100% performance guarantee. If you compare Spill Solved's performance and SDS to theirs, the decision should be an easy one. You could see significant improvements in many areas and greatly improve your bottom line. Contact us today and start saving Time, Money, Effort and Liability!

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- Generally, these materials are considered to be an *Adsorbent*, not an *Absorbent*. There is a big difference.

An Adsorbent is: “An insoluble material that is coated by a liquid on its surface including pores and capillaries without swelling more than 50% in excess liquid.”

An Absorbent is: “A material that picks up and retains a liquid distributed throughout its molecular structure causing the solid to swell (50% or more).”

Improper disposal can lead to significant fines and is not considered to be environmentally responsible. Toxic dust can be a significant concern for you and your employees. **Read OSHA ruling 29 CFR Parts 1910, 1915, and 1926 about Crystalline Silica.**

- Most of these types of materials contain toxic carcinogen dust called Crystalline Silica. OSHA has determined that employees exposed to respirable crystalline silica are at risk of developing respiratory disease, lung cancer and kidney disease and has set an exposure limit of 50 micrograms. This is an almost unmeasurable amount. 50 Micrograms = 0.00000011 pounds. Something to think about the next time you see someone using a 40-pound bag of kitty litter to clean up a spill. This can be a lawsuit just waiting to happen.
- Most often the user will use their shoe, or bend down and use a block of wood to try and work the material into the spill in an effort to absorb the liquid. Time is money and this is very unproductive. It wastes time and requires senseless effort. Most likely, there is still going to be a slippery surface left behind and the user is being exposed to toxic dust.
- Many of these materials will leave an oily residue, which will require additional mopping or cleaning in order to prevent a slip-and-fall liability.

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- Typically users' will leave the material covering a spill for hours or even days. The material gets walked through and can be spread around the facility causing damage to carpets and creating an unkept appearance.
- Most of these types materials are very flammable and/or combustible.
- Many of these types of materials do not encapsulate liquids and are biodegradable. This means they will release the toxic liquids they have collected if/when they are disposed of in a landfill.
- Typically, these types of materials will not “contain” a spill. This can be a big concern for first responders when trying to prevent a hazardous liquid from reaching a storm drain at the scene of an accident.
- Most often, a large supply of these types of materials need to be kept on hand because of the amount needed to clean up frequent or large spills. This takes up valuable storage space and often leads to additional service requests.
- Generally, these types of products come in large, bulky bags which can be heavy to lift. This can cause back injuries and result in workers compensation claims. They can also be too large to store in the compartment of your average size commercial vehicle. The bags can get wet and the product is no longer usable or can rip open and result in product loss.

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How Spill Solved Is Different

- ✓ Spill Solved is unique and unlike any other product available
- ✓ The performance and characteristics are superior and 100% guaranteed
- ✓ Spill Solved is inert, 100% non-toxic and is not regulated by OSHA
- ✓ Spill Solved does not contain crystalline silica or other carcinogens
- ✓ Spill Solved is safe for use around humans, animals, food and the environment
- ✓ There are no special PPE, safety or storage requirements
- ✓ It can be reused multiple-times and is landfill safe as non-hazardous waste*
- ✓ Used material can be repurposed for beneficial use, reclaimed or regenerated*
- ✓ It does not leave an oily residue, slippery or sticky surface behind**
- ✓ It works instantly and leaves the area immediately safe for foot or vehicle traffic**
- ✓ There is no additional application, cleaning, wiping, or mopping necessary**
- ✓ Spill Solved completely and permanently encapsulates the hydrocarbon-based liquid on contact and will not release it back into the environment
- ✓ Spill Solved is non-flammable, non-combustible and non-biodegradable
- ✓ Works on any type of liquid and most semi-liquids with the exception of hydrofluoric acid
- ✓ Spill Solved is a heavier and more dense mineral than perlite and will not blow away in the wind, or be carried away by rainwater
- ✓ Our containers are durable, made from 75% recycled plastic and are BPE free. They are designed to fit conveniently in the storage compartment of most commercial vehicles and hold enough material to contain a significant size spill
- ✓ All Spill Solved products are made in the USA and come with a 100% performance guarantee.

For more information on how Spill Solved can help improve your workplace safety, compliance and bottom line, please contact:

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*Check federal, state and local regulations for disposal guidelines. Responsibility for proper use and disposal is on the end user. **When used as directed and the first-time. As the material is reused, it will eventually become less effective. If a residue is noticed, add a small amount of fresh material and sweep-up. This may happen after the product has been used 4-5 times depending on the viscosity of the spill. Contact us to learn more about reusability, recovery and recycling.

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How to purchase Spill Solved

Are you ready to reduce your waste generation and disposal costs? Now is the time to begin using a product that not only works better, but is also better for the environment and is easier to use. Start saving Time, Money, Effort & Liability by contacting us today. We guarantee you'll be glad you did!

Contact our sales director Ken Gutierrez at (239) 699-9917 or ken@spillsolved.com. Ken can set you up with a distributor or manufacturers representative in your area. He will also be glad to answer any questions, schedule an on-site demonstration or discuss bulk pricing.



Making a Difference, Because We Can

If you are interested in becoming a distributor or manufacturer's representative please contact Sean Hochreich at (407) 508-9885 or sean@spillsolved.com.

Web: SpillSolved.com

Social Media: [@SpillSolvedUSA](https://www.instagram.com/SpillSolvedUSA)

