



Storage & Shelf Life of PIG® Absorbents & Absorbent Spill Kits

How storage affects the lifespan of PIG Absorbents

We want you to get the longest possible shelf life out of your PIG Absorbents and Spill Kits. Conservatively, the average lifespan of these products is five years. However, the lifespan of any absorbent is influenced by many factors. Storage is an especially important consideration.

Below are some general guidelines about the proper storage of PIG Absorbents and Absorbent Spill Kits. If you have questions about a specific product or particular storage circumstance, please don't hesitate to contact us.

Proper storage

With proper storage, absorbents and absorbent spill kits can last a long time. Follow best practices such as:

- keeping the absorbents out of direct sunlight, in ambient temperatures with low humidity,
- keeping the contents clean and dry,
- avoid exposing the contents to constant chemical mists, vapours or fumes.

These practices should be followed whether you're storing product indoors or outdoors. For example, if you're storing absorbent mats in a warehouse on a shelf that receives hours of direct sunlight, you might experience degradation despite being indoors. Conversely, if you store your absorbents outdoors in UV resistant, watertight containers, they will be protected from sunlight and humidity and should enjoy a long lifespan.

Improper storage

Storing your absorbents improperly will shorten the life expectancy – **sometimes with degradation beginning in as little as three months.**

Storage environments outdoors; in sheds; in vehicles; at marinas or ocean docks; in direct sunlight; in extreme heat or cold; near chemical vapours, mists or fumes; or in a manner that allows the absorbents to become damp for long periods of time, are common situations that can affect shelf life.

However, it is possible to store absorbents correctly in most of these environments if they are kept in UV- resistant, watertight containers.

Inspect your absorbents regularly

We recommend inspecting absorbents and absorbent spill kits at least quarterly. If an absorbent has discoloured, has a flakey appearance, or is brittle and breaks easily, degradation has occurred.

Still have questions about proper storage of a particular product? Please contact us!

Chemical Compatibility Guide for: PIG HazMat Chemical Absorbents

This report is offered as a guide and was developed from information which, to the best of New Pig's knowledge, was reliable and accurate. Due to variables and conditions of application beyond New Pig's control, none of the data shown in this guide is to be construed as a guarantee, expressed or implied. New Pig assumes no responsibility, obligation, or liability in conjunction with the use or misuse of the information.

Chemical Compatibility Guide

Guide Applicable to the Following:

PIG HazMat Absorbent Socks, Absorbent Dikes, Absorbent Pillows, Pulp, Pads and Rolls.

Guide Information:

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Ratings/Key or Ratings – Chemical Effect

Degradation (Visually rated from 0-2): 0 = None, 1 = Slight, 2 = Significant

Good: No degradation

Fair: Temperature increase and/or colour change

NR: (Not recommended): Significant degradation

* : Liquid may be slow to absorb

** : Liquid may not absorb

Due to variables and conditions beyond our control, New Pig cannot guarantee that this product(s) will work to your satisfaction. To ensure effectiveness and your safety, we recommend that you conduct compatibility and absorption testing of your chemicals with this product prior to purchase. For additional questions or information, contact New Pig.

Chemical Name	Chemical Class	Visible Degradation (0-2)	Rating
Acetic Acid, Glacial	Organic Acid	0	Good
Acetic Acid	Organic Acid	0	Good
Acetone	Ketones	0	Good
Acetonitrile	Nitriles	0	Good
Aluminum Salts	Aluminum Compounds Hydroxylic	0	Good
Ammonium Fluoride	Halide Compound	0	Good
Ammonium Hydroxide	Inorganic Base	0	Good
Aqueous Ammonia (29%)	Ammonia Compound	0	Good
Barium Salts	Barium Compounds	0	Good
Benzyl Alcohol	Hydroxyl Compounds	0	Good
Boric Acid	Inorganic Acid	0	Good
Butanol	Hydroxyl Compounds	0	Good
Butyl Acetate	Carboxylic Ester	0	Good
Calcium Chlorite	Calcium Compounds	0	Good
Carbon Disulfide	Sulfur Compounds	0	Good
Carbon Tetrachloride	Halogen Compounds	0	Good
Chloroform	Halogen Compounds	0	Good
Cupric Chloride	Copper Compounds	0	Good
Cyclohexanone	Ketones	0	Good
Dichloromethane	Halogen Compounds	0	Good
Diethylamine	Amines	0	Good

Chemical Name	Chemical Class	Visible Degradation (0-2)	Rating
Dimethylformamide	Amides	0	Good
Ethanol	Hydroxylic Compound	0	Good
Ethyl Acetate	Carboxylic Compound	0	Good
Formaldehyde	Aldehydes	0	Good
Gasoline	Aromatic Hydrocarbons	0	Good
Glycol Ether	Ethers	0	Good
Hexane	Aliphatic Hydrocarbons	0	Good
Hydrochloric Acid (37%)	Inorganic Acids	0	Good
Hydrogen Peroxide (30%)	Peroxides	0	Good
Hydrogen Peroxide (50%)	Peroxides	0	Good
Hydrofluoric Acid (48%)	Inorganic Acids	0	Good
Isopentyl Acetate	Carboxylic Ester	0	Good
Isopropanol	Hydroxylic Compounds	0	Good
Jet Fuel (JP-5)	Hydrocarbons	0	Good
Kerosene	Hydrocarbons	0	Good
Methanol	Hydroxylic Compounds	0	Good
Methyl Ethyl Ketone	Ketones	0	Good
Methyl Isobutyl Ketone	Ketones	0	Good
Mineral Oil	Alicyclic Hydrocarbons	0	Good
Mineral Spirits	Hydrocarbons	0	Good
Naphtha	Hydrocarbons	0	Good
Nitric Acid (70%)	Inorganic Acids	0	Good
Nitric Acid (fuming, 90%)	Inorganic Acids	0	Good
Nitrobenzene	Nitro Compounds	0	Good
Perchloroethylene	Halogen Compounds	0	Good
Phenol	Hydroxylic Compounds (Phenols)	0	Good
Phosphoric Acid (86.7%)	Inorganic Acids	0	Good
Potassium Hydroxide 50%	Inorganic Bases	0	Good**
Propylene Glycol	Hydroxylic Compounds	0	Good
Sodium Hydroxide (30%)	Inorganic Bases	0	Good
Sodium Hydroxide (40%)	Inorganic Bases	0	Good*
Sodium Hydroxide (50%)	Inorganic Bases	0	Good**
Sodium Hypochlorite	Inorganic Bases	0	Good
Styrene	Aromatic Organic	0	Good
Sulfuric Acid (50%)	Inorganic Acids	0	Good
Sulfuric Acid (98%)	Inorganic Acids	0	Good*
Tetrachloroethylene	Halogen Compounds	0	Good
Tetrahydrofuran	Ethers	0	Good
Thionyl Chloride	Chloride Compounds	0	Good
Toluene	Aromatic Hydrocarbons	0	Good
1, 1, 1-Trichloroethane	Halogen Compounds	0	Good
Trichloroethylene	Halogen Compounds	0	Good
Triethylamine	Amines	0	Good
Turpentine	Hydrocarbons	0	Good
Water	Miscellaneous	0	Good
Xylene	Aromatic Hydrocarbon	0	Good