

# Chemical Compatibility Guide

## Guide Applicable to the Following:

PIG Grippy Adhesive-Backed Absorbent Mat, PIG Grippy Adhesive-Backed Floor Mat and PIG Grippy Adhesive-Backed Floor Mat with Safety Borders

## Guide Information:

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.

## Ratings/Key or Ratings – Chemical Effect

\* Liquid may be slow to absorb

Good: No swelling, no degradation

\*\* Liquid may not absorb

Fair: Temperature increase and/or colour change

NR (Not recommended): Significant degradation or swelling

**Note:** Distortion of PIG adhesive-backed mats' polyethylene backing may occur upon prolonged exposure to solvents and naphthenic-based oils (such as automatic transmission fluids).

**Note:** Prolonged exposure to oils, solvents and water on the underside of PIG adhesive-backed mats may weaken the anchoring adhesive.

**Note:** Absorbents with printed graphics are not recommended for use with solvents or corrosive fluids because they may dissolve the printing inks.

**ATTENTION:** Independent testing indicates that PIG Mats with universal absorbency are compatible with and absorb many acids and caustics. Because of variables and conditions beyond our control, New Pig cannot guarantee that this product will absorb to your satisfaction. To ensure effectiveness and your safety, we recommend that you conduct compatibility and absorption testing of your chemicals with PIG adhesive-backed mat products prior to purchase. For additional questions or information, contact New Pig.

Chemical Name	Chemical Class	Rating
Acetone	Ketones	Good
Acetonitrile	Nitriles	Good
Aluminum Salts	Aluminum Compounds Hydroxylic	Good
Ammonium Hydroxide	Inorganic Bases	Good
Barium Salts	Barium Compounds	Good
Benzyl Alcohol	Hydroxyl Compounds	Good
Bleach Solution	Inorganic Bases	Good
Boric Acid	Inorganic Acids	Good
Butanol	Hydroxyl Compounds	Good
Calcium Chlorite	Calcium Compounds	Good
Carbon Disulfide	Sulfur Compounds	Good
Carbon Tetrachloride	Halogen Compounds	Good
Chloroform	Halogen Compounds	Good
Cupric Chloride	Copper Compounds	Good
Cyclohexanone	Ketones	Good
Dichloromethane	Halogen Compounds	Good
Diethylamine	Amines	Good
Dimethylformamide	Amides	Good

Chemical Name	Chemical Class	Rating
Ethyl Acetate	Carboxylic Esters	Good
Formaldehyde	Aldehydes	Good
Gasoline	Aromatic Hydrocarbons	Good
Glycol Ether	Ethers	Good
Hexane	Aliphatic Hydrocarbons	Good
Hydrochloric Acid (37%)	Inorganic Acids	Good*
Hydrogen Peroxide (30%)	Peroxides	Good
Hydrofluoric Acid (48%)	Inorganic Acids	Good*
Isopropanol	Hydroxylic Compounds	Good
Jet Fuel JP-5	Hydrocarbons	Good
Kerosene	Hydrocarbons	Good
Methanol	Hydroxylic Compounds	Good
Methyl Ethyl Ketone	Ketones	Good
Mineral Oil	Alicyclic Hydrocarbons	Good
Mineral Spirits	Hydrocarbons	Good
Naphtha	Hydrocarbons	Good
Nitric Acid (70%)	Inorganic Acids	Good*
Nitrobenzene	Nitro Compounds	Good



Chemical Name	Chemical Class	Rating
Perchloroethylene	Halogen Compounds	NR
Phenol	Hydroxylic Compounds (Phenols)	Good
Potassium Hydroxide (50%)	Inorganic Bases	Good**
Propylene Glycol	Hydroxylic Compounds	Good
Sodium Hydroxide (20%)	Inorganic Bases	Good*
Sodium Hydroxide (30%)	Inorganic Bases	Good*
Sodium Hydroxide (40%)	Inorganic Bases	Good**
Sodium Hydroxide (50%)	Inorganic Bases	Good**
Styrene	Aromatic Organics	Good
Sulfuric Acid (50%)	Inorganic Acids	Good*

Chemical Name	Chemical Class	Rating
Sulfuric Acid (98%)	Inorganic Acids	Good**
Tetrachloroethylene	Halogen Compounds	NR
Tetrahydrofuran	Ethers	Good
Thionyl Chloride	Chloride Compounds	Good
Toluene	Aromatic Hydrocarbons	Good
1 1 1-Trichloroethane	Halogen Compounds	Good
Trichloroethylene	Halogen Compounds	Good
Triethylamine	Amines	Good
Turpentine	Hydrocarbons	Good
Water	Misc.	Good