

# Chemical Compatibility Guide for: PIG Adhesive-Backed Mats

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.



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# Chemical Compatibility Guide

**Guide applicable to the following:** PIG High-Visibility Safety Floor Runner • PIG Restroom Mats with Adhesive Backing • PIG Safety Message Mat  
 PIG Grippy® Adhesive-Backed Floor Mat • PIG Grippy® Adhesive-Backed Floor Mat with Custom Logo

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## Ratings/Key or Ratings – Chemical Effect

\* Liquid may be slow to absorb

Good: No swelling, no wrinkling

\*\* Liquid may not absorb

Fair: Minor swelling or wrinkling many occur in spots where mat is fully saturated with indicated chemical

NR (Not recommended): Significant degradation or swelling

**NOTE:** Rating reflects chemical compatibility for the entire mat, including the underside adhesive layer.

**ATTENTION:** Independent testing indicates that PIG Mats with universal absorbency are compatible with and absorb many acids and bases. 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	Fair
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	Fair
Chloroform	Halogen Compounds	Fair
Cupric Chloride	Copper Compounds	Good
Cyclohexanone	Ketones	Fair
Dichloromethane	Halogen Compounds	Fair
Diesel	Hydrocarbons	Fair
Diethylamine	Amines	Fair
Dimethylformamide	Amides	Good
Ethyl Acetate	Carboxylic Esters	Good
Formaldehyde	Aldehydes	Good
Gasoline	Aromatic Hydrocarbons	Fair
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	Fair

Chemical Name	Chemical Class	Rating
Kerosene	Hydrocarbons	Fair
Methanol	Hydroxylic Compounds	Good
Methyl Ethyl Ketone	Ketones	Good
Mineral Oil	Alicyclic Hydrocarbons	Fair
Mineral Spirits	Hydrocarbons	Fair
Naphtha	Hydrocarbons	Fair
Nitric Acid (70%)	Inorganic Acids	Good*
Nitrobenzene	Nitro Compounds	Fair
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*
Sulfuric Acid (98%)	Inorganic Acids	Good**
Tetrachloroethylene	Halogen Compounds	NR
Tetrahydrofuran	Ethers	Fair
Thionyl Chloride	Chloride Compounds	Fair
Toluene	Aromatic Hydrocarbons	Fair
1 1 1-Trichloroethane	Halogen Compounds	Fair
Trichloroethylene	Halogen Compounds	Fair
Triethylamine	Amines	Good
Turpentine	Hydrocarbons	Fair
Water	Misc.	Good