## **Chemical Compatibility Guide** For SpillTech<sup>®</sup> Universal and HazMat Polypropylene Filler Material

Covering filler material ONLY for SpillTech<sup>®</sup> Universal and HazMat Boom, Socks, Pillows and Drip Pans

This Chemical Compatibility Guide is offered for informational purposes only and was developed from information sources other than SpillTech. The information from such third party sources is believed to be reliable and accurate; however, Purchaser should make its own determination of compatibility before using any SpillTech product. Although this guide may indicate that SpillTech<sup>®</sup> Universal and HazMat products are compatible with and absorb many acids and bases, specific absorption rates may vary. SpillTech<sup>®</sup> Survivor<sup>™</sup> Mat Absorbents are not recommended for use with solvents or corrosive liquids that may affect the printed pattern. Purchaser should test the absorbent prior to use in applications where solvents or corrosive liquids may be present.

Testing shows no adverse chemical effects when SpillTech Oil-Only Pads and Rolls are brought in contact with the following chemicals, however, the Oil-Only properties of the pads may inhibit absorption.

**NOTE**: This Chemical Compatibility covers the filler used on these universal and HazMat items only and does not extend to cover the sleeve, pan, netting, etc. that may cover the outside of the product.

It is the sole responsibility of the Purchaser to determine whether any product is suitable for Purchaser's actual or intended uses.

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If you need samples of products to test to ensure effectiveness and safety, please call us at 1-800-228-3877.

Compound		0-2 min	5 min	15 min	30 min	60 min	120 min
Acetic Acid, Glacial	Color Change	No change	No change	No change	No change	No change	No change
	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Acetone	Color Change	No change	No change	No change	No change	No change	No change
	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Acetonitrile	Color Change	No change	No change	No change	No change	No change	No change
	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Aqueous Ammonia (29%)	Color Change	No change	No change	No change	No change	No change	No change
	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Benzyl Alcohol	Color Change	No change	No change	No change	No change	No change	No change
	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction

Reaction No reaction		Color Change	No change	No change	No change	No change	No change	No change
DichloromethaneReactionNo reactionNo reacti	Butyl Acetate	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
ReactionNo reaction </td <td rowspan="2">Dichloromethane</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Dichloromethane	Color Change	No change	No change	No change	No change	No change	No change
Dimethylformamide EthanolReactionNo reactionNo reaction <td>Reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td>		Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
ReactionNo reaction </td <td rowspan="2">Dimethylformamide</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Dimethylformamide	Color Change	No change	No change	No change	No change	No change	No change
EthanolReactionNo reactionNo reaction<		Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
ReactionNo reaction </td <td rowspan="2">Ethanol</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Ethanol	Color Change	No change	No change	No change	No change	No change	No change
GasolineReactionNo reactionNo reaction		Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
ReactionNo reaction </td <td>Casalina</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Casalina	Color Change	No change	No change	No change	No change	No change	No change
Hydraulic OilReactionNo reactionNo reaction	Gasoline	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
ReactionNo reaction </td <td>Hydraulic Oil</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Hydraulic Oil	Color Change	No change	No change	No change	No change	No change	No change
(Anhydrous)ReactionNo reactionNo reaction </td <td></td> <td>Reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td>		Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Hydrochloric Acid (37%)Color ChangeNo change </td <td>Hydrazine</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Hydrazine	Color Change	No change	No change	No change	No change	No change	No change
(37%)ReactionNo reactionNo reactionNo reactionNo reactionNo reactionNo reactionNo reactionNo reactionHydrofluoric Acid (48%)Color ChangeNo change	(Anhydrous)	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Hydrofluoric Acid (48%)Color ChangeNo change </td <td>Hydrochloric Acid</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Hydrochloric Acid	Color Change	No change	No change	No change	No change	No change	No change
(48%)ReactionNo reactionNo reaction <th< td=""><td>(37%)</td><td>Reaction</td><td>No reaction</td><td>No reaction</td><td>No reaction</td><td>No reaction</td><td>No reaction</td><td>No reaction</td></th<>	(37%)	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Hydrogen Peroxide (30%)Color ChangeNo change </td <td>Hydrofluoric Acid</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Hydrofluoric Acid	Color Change	No change	No change	No change	No change	No change	No change
(30%)ReactionNo reactionNo reactionNo reactionNo reactionNo reactionNo reactionNo reactionIsopropanolColor ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo changeNo changeReactionNo reactionNo reactionNo reactionNo reactionNo reactionNo reactionNo reactionNo reactionKeroseneColor ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo changeMethanolColor ChangeNo changeNo changeNo changeNo changeNo changeNo reactionNo reactionMethyl Ethyl KetoneColor ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo changeMineral OilColor ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo reactionMineral SpiritsColor ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo changeMitric Acid (70%)Color ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo changePhenolColor ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo changeMineral OilColor ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo changeMineral SpiritsColor Change	•	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
IsopropanolColor ChangeNo change	Hydrogen Peroxide	Color Change	No change	No change	No change	No change	No change	No change
IsopropanolReactionNo reactionNo reaction </td <td>(30%)</td> <td>Reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td> <td>No reaction</td>	(30%)	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
ReactionNo reaction </td <td>Iconroponal</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Iconroponal	Color Change	No change	No change	No change	No change	No change	No change
KeroseneReactionNo reactionNo reactionMethanolColor ChangeNo changeN	Isopropanol	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
ReactionNo reaction </td <td>Karasana</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Karasana	Color Change	No change	No change	No change	No change	No change	No change
MethanolReactionNo reactionNo reaction	Kerosene	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
ReactionNo reaction </td <td>Mathanal</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Mathanal	Color Change	No change	No change	No change	No change	No change	No change
Methyl Ethyl KetoneReactionNo reactionNo re	Methanol	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
ReactionNo reaction </td <td>Mathul Ethyl Katana</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Mathul Ethyl Katana	Color Change	No change	No change	No change	No change	No change	No change
Mineral OilReactionNo reactionNo reactionNo reactionNo reactionNo reactionNo reactionMineral SpiritsColor ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo changeNo changeMineral SpiritsColor ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo changeNitric Acid (70%)Color ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo changePhenolColor ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo changePhenolColor ChangeNo changeNo changeNo changeNo changeNo changeNo changeNo change	Methyl Ethyl Ketone	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
ReactionNo reaction </td <td rowspan="2">Mineral Oil</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Mineral Oil	Color Change	No change	No change	No change	No change	No change	No change
Mineral Spirits Reaction No reaction		Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
ReactionNo reaction(70%)ReactionNo changeNo changePhenolColor ChangeNo change <td rowspan="2">Mineral Spirits</td> <td>Color Change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td> <td>No change</td>	Mineral Spirits	Color Change	No change	No change	No change	No change	No change	No change
(70%)ReactionNo changeNo changeNo changeNo changeNo changePhenolColor ChangeNo changeNo changeNo changeNo changeNo changeNo change		Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Phenol Color Change No cha		Color Change	No change	No change	No change	No change	No change	No change
Phenol Phenol		Reaction	No change					
Phenol	Phenol	Color Change	No change	No change	No change	No change	No change	No change
Reaction   No reaction   No reaction   No reaction   No reaction   No reaction   No react		Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Sodium Hydroxide Color Change No cha	Sodium Hydroxide (50%)	Color Change	No change	No change	No change	No change	No change	No change
		Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction

Sulfuric Acid (98%)	Color Change	No change	No change	No change	No change	No change	No change
	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Toluene	Color Change	No change	No change	No change	No change	No change	No change
	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Turpentine	Color Change	No change	No change	No change	No change	No change	No change
	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Water	Color Change	No change	No change	No change	No change	No change	No change
	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction
Xylene	Color Change	No change	No change	No change	No change	No change	No change
	Reaction	No reaction	No reaction	No reaction	No reaction	No reaction	No reaction