CHEMICAL COMPATIBILITY KEY AND USER NOTE:

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

The data shown is the result of laboratory tests obtained from leading chemical companies and independent reports that are intended to serve only as a guide. Testing is not conducted by ENPAC, LLC. No performace warranty is intended or implied. Confirmation of the validity and suitability in specific cases should be obtained. When considering flexible containment for specific applications, it is suggested that a fabric sample be tested in actual service before specification. Where impractical, tests should be devised which simulate actual service conditions as closely as possible.

Ratings are based on visual and physical examination of samples after removal from the test chemical. Results represent the material's ability to retain its performance properties when in contact with the indicated chemical.

The degree of chemical attack on any material is governed by the conditions under which it is exposed. Exposure time, temperature, and size of the area of exposure usually varies considerably in application, therefore, this table is given and accepted at the user's risk.

DETAILED KEY:

Y = Products should be suitable for prolonged or repeated contact with these substances (under the specified conditions).

S = Products may be suitable for intermittent contact; however, some deterioration in properties may occur. The user should perform qualification tests before or during usage of the container.

N = Substances aggressively attack the product or have vapor pressures incompatible with closed containers.

INDUSTRIAL FABRIC - CHEMICAL COMPATIBILITY GUIDE #1

CHEMICAL RESISTANCE FOR STINGER™ BERMS – BLACK

CHEMICAL	RATING
AFFF	Y
Acetic Acid (5%)	S
Acetic Acid (50%)	N
Ammonium Phosphate	S
Ammonium Sulfate	S
Antifreeze (ethylene glycol)	Y
Animal Oil	Y
ASTM Fuel A (100% Iso-octane)	Y
ASTM Oil #2 (Flash pt. 240 C)	Y
ASTM Oil #3	Y
Calcium Chloride Solutions	S
Calcium Hydroxide	S
20% Chlorine Solution	Y
Clorox	Y
Conc. Ammonium Hydroxide	Y
Corn Oil	Y
Crude Oil	Y
Diesel Fuel	Y
Ethanol	Y
Ethyl Acetate	N
Ethyl Alcohol	Y
Fertilizer Solution	Y
#2 Fuel Oil	Y
#6 Fuel Oil	Y
Gasoline	S
Glycerin	Y
Hydraulic Fluid-Petroleum Based	Y
Hydraulic Fluid–Phosphate Ester Based	N
Hydrocarbon Type II (40% Aromatic)	N
Hydrochloric Acid (50%)	Y
Hydrofluoric Acid (5%)	Y
Hydrofluoric Acid (50%)	Y
Hydrofluosilicic Acid	Y
Isopropyl Alcohol	S
Ivory Soap	Y
Jet A	Y
JP-4 Jet Fuel	Y
JP-5 Jet Fuel	Y
JP-8 Jet Fuel	Y
Kerosene	Y
Magnesium Chloride	S
Magnesium Hydroxide	S
Methanol	Y
Mineral Spirits	Y
Naphtha	Y
Nitric Acid (5%)	S
Nitric Acid (50%)	N
Perchloroethylene	N
Phenol Formaldehyde	S
Phosphoric Acid (50%)	Y
Phosphoric Acid (100%)	N
Phthalate Plasticizer	N
Potassium Chloride	S
Potassium Sulfate	S
Raw Linseed Oil	Y
SAE-30 Oil	Y
Salt Water (25%)	S
Sea Water	Y
Sodium Acetate Solutions	S
Sodium Bisulfite Solution	S
Sodium Hydroxide (60%)	Y
Sodium Phosphate	S
Sulfuric Acid (50%)	Y
50% Tannic Acid	Y
Toluene	N
Transformer Oil	Y
Turpentine	Y
Urea Formaldehyde	Y
UAN	Y
Vegetable Oil	Y
Water (200F)	Y
Zinc Chloride	S

INDUSTRIAL FABRIC - CHEMICAL COMPATIBILITY GUIDE #2

CHEMICAL RESISTANCE FOR STINGER YELLOW JACKET,™ DRIPILLOW BERM,™ SPILLPAD™& SPILLPAL™ – YELLOW

CHEMICAL	RATING
Ammonium Biflouride	Y
Ammonium Flouride, 25%	Y
Ammonium Hydroxide	Y
Ammonium Sulfate	Y
Amyl Acetate	S
Aqua Regia	Y
Beer	Y
Benzene	S
Black Liquors	Y
Bleach 12.5%	Y
Boric Acid	Y
Bromic Acid	Y
Butane	Y
Butylene	Y
Calcium Chloride	Y
Carbon Tetrachloride	S
Caronic Acid	Y
Castor Oil	Y
Chloric Acid, 20%	Y
Chlorine, Liquid	S
Citric Acid	Y
Copper Nitrate	Y
Copper Sulfate	Y
Corn Syrup	Y
Cottonseed Oil	Y
Detergents	Y
Diethyl Ether	S
Dimethyl Hydraxine	S
Disodium Phosphate	Y
Ethers	S
Esters	S
Ethyl Alcohol	Y
Ethylene Glycol	Y
Fatty Acids	Y
Formaldehyde	Y
Fructose	Y
Furfural	S
Gasoline	N
Gin	Y
Green Liquor	Y
Hydrochloric Acid, 50%	Y
Hydroflouric Acid, dilute	Y
Hyrdogen Peroxide, 90%	Y
Hydrogen Sulfide, aqueous	Y
Ketones	S
Linseed Oil	Y
Magnesium Chloride	Y
Methyl Alcohol	Y
Methyl Bromide	S
Methyl Ethyl Ketone	S
Methylene Chloride	S
Mineral Oil	Y
Naptha	Y
Napthalene	S
Nitric Acid, 30%	Y
Nitric Acid, 100%	S
Oleic Acid	Y
Phosphoric Acid, 85%	Y
Potash	Y
Potassium Chloride	Y
Potassium Hydroxide	Y
Potassium Hypochlorite	Y
Propyl Alcohol	Y
Sea Water	Y
Soaps	Y
Sodium Chloride	Y
Sodium Hydroxide, 70%	Y
Sodium Nitrate	Y
Stearic Acid	S
Sulfur	Y
Sulfuric Acid, 80%	Y
Sulfuric Acid, 100%	S
Tanning Liquors	Y
Toluene, Toluol	S
Urea	Y
Vegetable Oil	Y
Whiskey	Y
Wines	Y
Zinc Chloride	Y

INDUSTRIAL FABRIC - CHEMICAL COMPATIBILITY GUIDE #3

CHEMICAL RESISTANCE FOR STINGER™ SPILLPAL W/REMOVABLE FOAM – TAN

CHEMICAL	RATING
AFFF	Y
Acetic Acid (5%)	Y
Acetic Acid (50%)	N
20% Chlorine Solution	Y
Clorox	Y
Conc. Ammonium Hydroxide	Y
Diesel Fuel	Y
Ethanol	Y
#2 Fuel Oil	Y
#6 Fuel Oil	Y
Gasoline	S
Hydraulic Fluid- Petroleum Based	Y
Hydraulic Fluid- Phosphate	N
Hydrocarbon Type II (40% Aromatic)	N
Hydrochloric Acid (50%)	Y
Hydrofluoric Acid (5%)	Y
Hydrofluoric Acid (50%)	Y
Jet A	Y
JP-4 Jet Fuel	Y
JP-5 Jet Fuel	Y
JP-8 Jet Fuel	Y
Kerosene	Y
Methanol	Y
Methyl Alcohol	Y
Mineral Spirits	Y
Naphtha	Y
Nitric Acid (5%)	S
Nitric Acid (50%)	N
Perchloroethylene	S
Phenol Formaldehyde	S
Phosophoric Acid (50%)	Y
Phosophoric Acid (100%)	N
Sodium Hydroxide (60%)	Y
Sulphuric Acid (50%)	Y
Toluene	N
Transformer Oil	Y