Leaks Happen

... Are You Ready?

Actual incident December 2012 on Hwy 113 off ramp @ I-80 in Davis, CA near Sacramento. U.C. Davis Fire Dept. used our new Football plug to stop the fuel leak. Truck was able to continue to repair shop without having to transfer remaining fuel from tank.

Are you READY for some FOOTBALL!

Part # SPF FOOTBALL PLUG is a football-shaped, polyurethane impregnated, water activated foam plug used to temporarily stop the flow from a leak in anything from a pipe to a tanker, to a railcar-even a boat! It is initially pliable to insert into a void and quickly expands and hardens to fill the void-it can even be applied below the water line.

NOW AVAILABLE!
1.5" Golf Ball Size
PART # SPG

EASY!

Remove Football from package

Submerge in water for 5 seconds

Apply to hole

KIT CONTENTS
Step-by-Step Instructions,
Protective Gloves, Football Plug.

BENEFITS: Ready to use. Simple application.
Effective, time saving. No mixing, no mess. Sets rock hard in minutes.

TYPICAL APPLICATIONS
Spill containment, marine thru-hull damage.

PROPERTIES Color: Foam-yellow
Urethane-white Cure Time: 2 minutes at 75°F (24°C)
Resin Type: Pre-impregnated
Application Temperature: 32 to 160°F (0 to 71°C)
Size: 3.25" OD x 6"

MADE IN USA

Below: Application on Low Pressure Pipe

Golf Ball Instructions

Part #SPG GOLF BALL PLUG is an inch and a half round, polyurethane impregnated, water activated foam plug used to temporarily stop the flow from a leak in anything from a pipe to a tanker, to a railcar-even a boat! It is initially pliable to insert into a void and quickly expands and hardens to fill the void-it can even be applied below the water line.

EASY!

READ ALL INSTRUCTIONS BEFORE OPENING PACKAGE!

1. Put on supplied gloves. Remove foil pouch and open. *IMPORTANT!* Move Golf Ball around inside inner plastic bag to coat entire Golf Ball with resin. Remove Golf Ball from plastic bag and submerge into water for 5 seconds, Squeeze Football to make sure water gets into the center. If no bucket is available, simply pour a few ounces of water into the plastic bag and squeeze Golf Ball.
2. Twist and force Golf Ball Plug into hole.
3. Using gloved hand, firmly press Golf Ball Plug against the surface of the container, pipe or vessel, creating a mushroom effect. Hole must be large enough for a portion of the Golf Ball to expand inside.
4. While holding one hand with constant pressure against damaged area, use other hand to smooth the outer edges of Golf Ball Plug onto the surface of the container, pipe or vessel.

IMPORTANT! Resin may settle to bottom of Golf Ball when stored for extended periods. Flip package once a month to allow resin to remain uniform within Golf Ball.

MADE IN USA

KIT CONTENTS
Step-by-Step Instructions,
Protective Gloves, Golf Ball Plug.

BENEFITS: Ready to use. Simple application. Effective, time saving. No mixing, no mess. Sets rock hard in minutes.

TYPICAL APPLICATIONS
Spill containment, marine thru-hull damage.

PROPERTIES Color: Foam-yellow Urethane-white Cure Time: 2 minutes at 75 °F (24 °C) Resin Type: Pre-impregnated Application Temperature: 32 to 160 °F (0 to 71 °C) Size: 1.5" Round

Below: Application on Low Pressure Pipe

Actual incident Hwy 113 @ I-80 on Dec. 12, 2012, near Sacramento, California.
Truck was able to continue to repair shop without having to transfer remaining fuel from tank.

Another actual incident on Dec. 5, 2013. Three Footballs and four Golfballs needed to stop this leak!

TYPICAL URETHANE CHEMICAL RESISTANCE

EXCELLENT RESISTANCE

Ammonium hydroxide, 10% solution
Ammonium sulfate, 2% solution
Benzene
Benzene chloride Butyl acetate
Brine, saturate
Brine, 10% solution
Butarol
Carbon tetrachloride
Diesel fuel
Diilsobutylene
Diisobutylketone
Gasoline
Hexane
Hydrochloric acid, 10% solution
Hydrogen sulphide, 100% wet
Isopropanol
JP-4 Fuel; JP-5 Fuel
Kerosene
Linseed oil
Mineral spirits
Motor oil Acetone
Orthodichlorobenzene
Potassium chlorate, 5% solution
Potassium hydroxide, concentrated
Styrene
Sulfuric acid, 10% solution
Toluene
Trichloromonoflouromethane
Turpentine
Water
Xylene

GOOD RESISTANCE

Acetic acid, 2% solution
Ammonium hydroxide, concentrated
Anylacetate
Butyl acetate
Chlorobenzene
Ethylene glycol, 100%
Formaldehyde
Hydrochloric acid, concentrated
Trichloroethylene
Varsol

FAIR RESISTANCE

Ethyl acetate
Methylene chloride

POOR RESISTANCE

Acetone
Ethyl Alcohol , Methyl Alcohol
Methyl ethyl ketone

SEVERE SOLVENT ACTION

Sulfuric acid, concentrated
Nitric acid, concentrate

PROCEDURES TO BE TAKEN IN HANDLING AND STORAGE:

For ideal shelf life, store Syntho-Plug in a cool, shaded area at 72°F (23°C). Do not expose to temperatures above 110°F (44°C) or below 40°F (5°C). Care must be taken when handling Syntho-Plug's hermetically sealed foil pouch to prevent puncturing or scuffing. If the protective foil pouch is punctured, the Syntho-Plug will be exposed to atmospheric moisture which will cause it to cure within the foil bag. STORE IN A COOL, SHADED AND DRY AREA.

PRECAUTIONS:

The resin used in Syntho-Plug will adhere to skin and clothing and may cause skin irritation. Protective gloves should be worn while handling. Care should be exercised to avoid contact with unprotected areas of skin and eyes, Swabbing lightly with alcohol or acetone will help remove resin from skin (prior to set). If eyes are exposed to the resin, flush eyes with water 15 minutes and then contact physician.