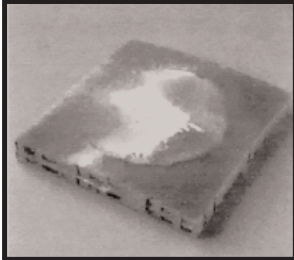


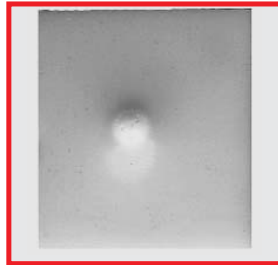
# The *SULFURIC ACID SOLUTION*

# **SULFURIC ACID STORAGE TANKS THAT LAST**

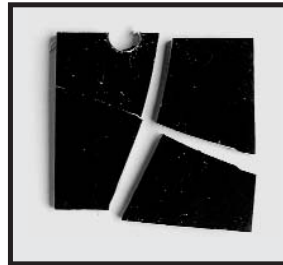
**USE THE BEST MATERIAL FOR THE JOB**



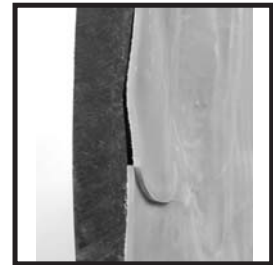
Unexposed FRP @ 400 ft. pounds @ -40° F.



HDLPE #880046 exposed 6 months in 98% H<sub>2</sub>SO<sub>4</sub> 400 ft. lbs. @ -40° F.



XLPE exposed 6 months in 98% H<sub>2</sub>SO<sub>4</sub> 3.4 ft. pounds @ -40° F.



XLPE with linear liner (delamination example)

### ***Sulfuric Acid to 98% Concentration***

***HDLPE resins #880046, natural in color, 1.9 specific gravity, 600 psi, meets ASTM standards and SIERRA SALES provides a FULL 3 YEAR WARRANTY for storage at ambient temperatures.***

**Specify the correct tank material....one that you can depend on...a material that has been proven to be the best overall for the storage of Sulfuric Acid!**

The resin that SIERRA recommends is a "true" high density linear resin. Unlike other tank manufacturers who try to achieve the same results using a laminated Linear LOW Density liner in a XLPE tank, SIERRA uses the **better material, for the whole tank** - providing much higher tensile strength, and chemical resistance.

**SINGLE & DOUBLE WALL SAFE TANK (CONTAINMENT) VESSELS AVAILABLE**

Additional advantages over lined tanks: you don't have the potential problems of total coverage of the laminated linear material over the XLPE material during processing; and, delamination as a result of the constant filling and emptying processes associated with storage tanks in general.

The **High Density** linear resin that SIERRA uses provides:

- the best chemical barrier
- best chemical resistance
- best tank life, and,
- is repairable by welding if the tank is ever damaged.



**SULFURIC ACID ≤98% (AMBIENT)**

### **Recommendation**

**Tank Material:** HDLPE #880046  
**Fitting Material:** CPVC  
**Gasket Material:** Viton  
**Bolt Material:** Hastelloy

As Manufactured by:  
Snyder Industries, Inc.  
Lincoln, Nebraska 68504  
402-467-5221  
402-465-1220

Email: tankman@petanks.com  
SIERRA SALES PO BOX 321 PERKASIE, PA 18944  
SHIPPING FROM FIVE [5] LOCATIONS IN THE US  
"Industrial Engineered Tanks, Our Specialty"

***www.petanks.com***