

 <p>POLYPROCESSING COMPANY Providing Solutions Through Innovation</p>	Technical Bulletin	HYDROFLUOSILICIC ACID H₂SiF₆
	Date: August 2005	

Tank Design:

- SAFE-Tank[®], IMFO[®], and Verticals are available
- Constructed from High Density Crosslinked Polyethylene
- Specific Gravity Rating : 1.9

Fitting Construction:

- Fitting Material – PVC up to 100°F, PP above 100°F
- Gasket Material – VITON or EPDM
- Bolt Material – C-276
- Venting - [click here for technical document](#)
- Flexible Connections Required - [click here for more information](#)

Factory Warranty - [click here for warranty information](#)

Available Options:

- Restraint Systems – Wind / Seismic
- Level Gauges
- Ladders
- Heat Tracing and Insulation

Chemical Characteristics:

Properties: Colorless, fuming liquid. Attacks glass and stoneware.

Derivation: By-product of the action of sulfuric acid on phosphate rock containing fluorides and silica.

Hazard: Highly toxic. Extremely corrosive by skin contact and inhalation.

Uses: Water fluoridation; ceramics; disinfecting copper and brass vessels; hardening cement; wood preservative and impregnating compounds; electroplating; sterilizing bottling and brewing equipment.