

USE AND SERVICE THE TANK IN A SAFE MANNER

- ❑ **Hydro test** (water test) tank system for 24 hours before introduction of chemical. If necessary, remove all test water to prevent reaction with chemical stored.
- ❑ Follow **chemical manufacture’s “best practices”** for product being stored.
- ❑ **Confirm compatibility of tank, fittings, and gaskets** for chemical to be stored **before** permanent installation. If necessary test the tank, fitting, and gasket materials of construction for compatibility with the specific chemical application.
- ❑ Obtain, utilize and retain **Material Safety Data Sheets (MSDS)** for the chemical to be stored.
- ❑ **Do not change chemical being stored** unless certain there will be no hazardous chemical reaction.
- ❑ **Fill vertical tanks only to top of sidewall.**
- ❑ **Prevent over pressurization of tank** during pneumatic or mechanical filling. See “VENTING” on page 5 or 11.
- ❑ **Prevent excessive heat** near or inside the tank. Polyethylene tanks are designed for a maximum continuous temperature of 100°F.
- ❑ Maintain **secondary containment** of proper size and chemical resistance to comply with local, state, and federal regulations. Protect personnel from possible chemical release. The SAFE-Tank® system is designed to provide a minimum of 110% secondary containment.
- ❑ Maintain **guards, shields, barriers, and walkways** to protect tank, fittings, and piping from damage by impact and to protect personnel from chemical release.
- ❑ **Label tank with the appropriate warning label for the particular chemical to be stored.** Do not remove Poly Processing’s general warning labels. Replace damaged or illegible labels immediately.
- ❑ **Keep vents and vent lines clear** of obstructions to prevent pressure or vacuum.
- ❑ **Service fume scrubber systems** to prevent tank over pressurization.
- ❑ Accessory items are **HEAVY**. Use adequate equipment and properly trained personnel when servicing internal pipe stabilizers, emergency vent lids, ladders, and other accessories.
- ❑ **DO NOT STAND OR WORK ON TOP OF TANK.** The tank surfaces are flexible and slippery and a dangerous fall could occur. There is no weight or load rating for the domes of tanks.
- ❑ **Tanks are confined spaces.** Follow proper entry procedures. Establish an adequate retrieval plan.
- ❑ **Conduct annual inspections** of tank. **See inspection guide on page 31.** Look for and address stress cracking, especially on **interior** surface, worn or leaking fittings and flex connections, leaking or poorly working valves, restricted vent lines, and needed repairs to ladders, stabilizer brackets, stands, and other accessories.

WARNING: Failure to adequately support tank, fittings, valves, piping, and hoses and protect them from impact can cause chemical release resulting in serious injury or death.