



Guidelines for Storing Nulex[®] Liquid Zinc

1. Acceptable Materials of Construction

Nulex Liquid Zinc may be stored in well maintained vessels constructed of mild steel, stainless steel, fiberglass, polypropylene or polyethylene. Valves should be inspected on a regular basis and replaced as needed to prevent leakage. Flanged valves versus threaded valves are recommended on storage tanks. Valves and components containing EPDM, hypalon, neoprene, silicone or tygon are acceptable. Aluminum or aluminum alloys should NOT be used to store or transport Nulex Liquid Zinc. Bronze, brass or copper alloys are NOT compatible with Nulex Liquid Zinc. Valves and components containing buna N, natural rubber or polycarbonate should NOT be used.

2. Venting

Vessels used for storing Nulex Liquid Zinc should be vented in accordance with manufacturer's recommendations. A pressure/vacuum vent constructed of acceptable materials and providing suitable pressure and vacuum relief is recommended. A pipe vent or a T-type vent may be used and constructed in such a manner so as to prevent rain water from entering the vessel. Since Nulex Liquid Zinc is an ammoniated product containing free ammonia, open venting during warm weather may allow enough ammonia to escape to allow zinc compounds to precipitate. A well-designed vent can reduce this ammonia loss.

3. PRECAUTIONARY LABELING

Vessels should be labeled "CAUTION TO WELDERS" . Do not weld on vessels that contain or have contained Nulex Liquid Zinc or products with free ammonia unless they are cleaned and tested for explosivity (LEL- Lower Explosion Limit). (See ANSI-K93-1976).