

SHELF LIFE: BULK POWDER MATERIALS

The shelf life for dry powder developer (form a) is indefinite. There is no noticeable degradation of the ingredients. However, the shelf life of an opened container should be checked in accordance with MIL-STD-6866 to insure that the developer has not become contaminated. The dry developer should be stored in sealed containers at temperatures in the range of 50 to 100° F and in a place of very low humidity.

The shelf life for aqueous suspendable developer (form c), water-soluble developer (form b), and powdered wetting agents for magnetic particle inspection in unopened containers is one year. Due to hygroscopic nature or the ability to attract/absorb moisture from the air, the shelf life of these materials is directly dependent on humidity conditions in the storage area. Storage should be in a place of low humidity at temperatures in the range of 50 to 100° F.