

SHELF LIFE: BULK MATERIALS

The shelf life is the length of time Sherwin Incorporated warrants their product to perform consistent to its intended purpose. The shelf life for penetrants, emulsifiers, cleaners/removers and magnetic particle fluids packaged in 55 gallon drums, 5 gallon pails, and 1 gallon cans in their original sealed containers is **five years** from Invoice date. If the contents are not contaminated, are stored in sealed containers, and protected against deterioration, e.g., UV radiation, low and high temperatures (see below), then the penetrant materials will perform for many more years.

If there is any question concerning product integrity, then it should be tested to ASTM E 1417 or ASTM E 1444 for compliance to requirements for in-use inspection materials. If the product is used after 5 years, then compliance testing is recommended.

In-Use Products or Opened Containers:

The life of material in an open container depends primarily on the level and type of contamination, such as: water, shop oils, and cleaning agents, introduced into the material. Temperature, exposure to sunlight, UV light and in some instances evaporation can affect the life of materials. It is strongly recommended that in-use Penetrant materials and magnetic particle suspensions be tested in accordance with ASTM E 1417 and ASTM E 1444.

Storage:

The ideal storage temperature range for materials is from 50°F to 100°F. Freezing temperatures and temperatures above 120°F must be avoided as well as prolonged exposure to sun's rays.

Sherwin Incorporated

