7 Requirements for potable water plastic piping system components and related materials

7.1 General

Materials, compounds, products, and formulations shall comply with the applicable requirements of NSF/ANSI 61 as referenced in 2 of this Standard.

7.2 Requirements for generic ingredients

Generic ingredients for use in PVC potable water pipe and fitting compounds shall meet the requirements of this section.

7.3 Requirements for lead

There shall be no lead added as an intentional ingredient in any product, material, ingredient or system component submitted for evaluation to this standard, with the exception of brass or bronze meeting the definition of “lead free” under the specific provisions of the Safe Drinking Water Act of the United States, as amended in 1986.  

7.4 Monitoring

In addition to the physical and performance monitoring requirements specified in 5.6, plastic piping system components and related materials intended for potable water shall be monitored annually to ensure compliance with NSF/ANSI 61, except as permitted in 9.8 for solvent cements and primers. PVC and CPVC pipe, tubing, fittings, and appurtenances intended for potable water shall also be tested a minimum of three times annually for RVCM. Appurtenances produced using a material or compound that is also being used to produce fittings subject to these requirements do not require separate monitoring for RVCM. RVCM in PVC and CPVC potable water piping products shall not exceed 3.2 mg/kg.

13 Safe Drinking Water Act of 1986 Section 1417(a)(1) [www.epa.gov/ogwdw/sdwa]