UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-0001

DATE: 10 March 2026

Product Identifier

SRM Number: 2579a
SRM Name: Lead Paint Films for Building Surfaces
(SRM 2570 through SRM 2575)
SRM Parts: SRM 2570 Lead Paint Film for Building Surfaces (Blank) (Color: White)
SRM 2571 Lead Paint Film for Building Surfaces (Nominal Pb 3.5 mg/cm^2) (Color: Yellow)
SRM 2572 Lead Paint Film for Building Surfaces (Nominal Pb 1.6 mg/cm^2) (Color: Orange)
SRM 2573 Lead Paint Film for Building Surfaces (Nominal Pb 1.0 mg/cm^2) (Color: Red)
SRM 2574 Lead Paint Film for Building Surfaces (Nominal Pb 0.7 mg/cm^2) (Color: Gold)
SRM 2575 Lead Paint Film for Building Surfaces (Nominal Pb 0.3 mg/cm^2) (Color: Green)

Under the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200, this Standard Reference Material (SRM) is NOT classified as a physical hazard or a health hazard, a simple asphyxiant, combustible dust, pyrophoric gas, or hazard not otherwise classified. There are no hazard pictograms, hazard statements or signal word associated with it. Safety Data Sheet information is not required. This document may be used in conjunction with your hazard communication program. Articles are exempted per 1910.1200(c).

Description: This SRM is intended for validation of results from portable, hand-held, X-ray fluorescence analyzers, when testing for lead in paint coatings on building surfaces. A unit of SRM 2579a consists of a set of six coated polyester sheets, approximately 7.6 cm wide and 10.2 cm long. Five of the six sheets, SRM 2571 through SRM 2575, are coated with a single, uniform paint layer. The units are color coded, and each color indicates a different lead concentration. The sixth sheet, SRM 2570, is coated with a lead-free, lacquer layer of the same thickness as a lead paint layer and is intended as a blank. All sheets are over-coated with a clear, thin, plastic laminate to protect the surface from abrasion.

Disposal: SRM 2579a should be disposed of in accordance with local, state, and federal regulations.

Transport Information: This material is not regulated by the U.S. Department of Transportation (DOT) and/or International Air Transport Association (IATA).

Disclaimer: The NIST information in this document is specific to the NIST product and is believed to be correct, based upon our current knowledge. This document may not necessarily be all inclusive and should be used only as a guide. NIST does not guarantee the accuracy or completeness of this information. The only official source for specific values and uncertainties is the certificate or report.

Users of this SRM should ensure that this document and the corresponding Certificate of Analysis in their possession are current. This can be accomplished by contacting the SRM Program: telephone (301) 975-2200; e-mail srmmsds@nist.gov; or via the Internet at https://www.nist.gov/srm.