



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

DATE: 26 May 2015

Product Identifier

SRM Number: 1048

SRM Name: Cup Furnace Smoke Toxicity Method Standard
Nonflaming and Flaming Combustion Modes 130-Minute Exposure
Or
30-Minute Exposure plus a Post-Exposure Observation Period of 14 Days

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.

Exemption: 1910.1200(c). This SRM is an Article, as the word is defined by OSHA, where *Article* means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of 1910.1200), and does not pose a physical hazard or health risk to employees.

Description: This SRM is intended primarily for evaluating the operation of the Cup Furnace Smoke Toxicity Method under two combustion modes (flaming and nonflaming) and two observation periods (30-minute exposure and 30-minute plus 14-day post-exposure period). A unit of SRM 1048 consists of eight square sheets of plastic (acrylonitrile-butadiene-styrene copolymer). The size of each sheet is approximately 254 mm² (10 square inches) with a nominal thickness of 0.762 mm (0.030 inch).

Disposal: SRM 1048 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 Transportation Association (IATA).

Disclaimer: This document was prepared carefully, using current references. Users of this SRM should ensure that this document and the corresponding Certificate in their possession are current. This can be accomplished by contacting the SRM Program: telephone (301) 975-2200; fax (301) 948-3730; e-mail srmmsds@nist.gov; or via the Internet at <http://www.nist.gov/srm>.