UL 242

STANDARD FOR SAFETY

Nonmetallic Containers for Waste Paper

UL Standard for Safety for Nonmetallic Containers for Waste Paper, UL 242

Fourth Edition, Dated November 20, 2015

Summary of Topics

This New Edition of ANSI/UL 242 is being issued to address the editorial maintenance of UL Standards for Safety. These revisions are considered to be non-substantive and not subject to UL's STP process.

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UL 242

Standard for Nonmetallic Containers for Waste Paper

First Edition – November, 1985
Second Edition – May, 1987
Third Edition – March, 1993

Fourth Edition

November 20, 2015

This ANSI/UL Standard for Safety consists of the Fourth Edition.

The most recent designation of ANSI/UL 242 as a Reaffirmed American National Standard (ANS) occurred on March 19, 2013. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, or effective date information.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at http://csds.ul.com.

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INTRODUCTION

1 Scope

1.1 These requirements cover portable, nonmetallic containers for waste paper intended primarily for temporary, indoor storage of waste paper and other similar materials. These containers are intended to be emptied regularly and their contents disposed of.

1.2 Nonmetallic containers for waste paper are investigated with regard to their ability to contain burning paper without contributing fuel to the fire. Observations regarding other risks, including the physiological effects, in any form, resulting from combustion of the container to any degree and regarding the efficiency or effectiveness of the container and its intended use, are not within the scope of these requirements.

1.3 These requirements cover nonmetallic containers with a capacity of 8 gallons (30 L) or less. Larger containers will be investigated using these and additional requirements, as applicable.

1.4 Containers covered by these requirements may be either wholly or partially formed of molded polymeric material.

2 General

2.1 Components

2.1.1 Except as indicated in 2.1.2, a component of a product covered by this standard shall comply with the requirements for that component.

2.1.2 A component is not required to comply with a specific requirement that:

a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard, or

b) Is superseded by a requirement in this standard.

2.1.3 A component shall be used in accordance with its rating established for the intended conditions of use.

2.1.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

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2.2 Terminology

2.2.1 The term “container” as used herein refers to a nonmetallic container for waste paper.

2.3 Units of Measurement

2.3.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

2.4 Undated References

2.4.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

CONSTRUCTION

3 General

3.1 Containers shall be formed of material having the strength necessary to withstand abuses likely to be encountered in service.

3.2 Polymeric material shall:

a) Be classed V-1 or less flammable in accordance with the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94; or

b) Comply with the requirements in the External Fire Test, Section 7.

3.3 Containers shall be free from defects that can impair their intended function.

PERFORMANCE

4 General

4.1 Eight samples of each container size being investigated are to be subjected to the Drop Test, Section 5. Four of these samples are then to be subjected to the Internal Fire Test, Section 6. The remaining four samples are to be subjected to the External Fire Test, Section 7.

Exception: For a container that complies with the requirement of 3.2(a), four samples are needed for the drop test and internal fire test. The external fire test is not conducted.

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