

**OTHER  
RECOGNIZED  
DOCUMENT**

**ULC/ORD-C30-95**

## **SAFETY CONTAINERS**



**Underwriters'  
Laboratories of Canada®**

This is a preview. [Click here to purchase the full publication.](#)

**SAFETY CONTAINERS**

Prepared and Published by  
UNDERWRITERS' LABORATORIES OF CANADA



**FIRST EDITION ..... APRIL, 1995**

*No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without prior permission of Underwriters' Laboratories of Canada.*

## TABLE OF CONTENTS

|                                                                                  | <u>PAGE</u> |
|----------------------------------------------------------------------------------|-------------|
| FOREWORD                                                                         |             |
| PREFACE .....                                                                    | 1           |
| 1. SCOPE .....                                                                   | 2           |
| 2. GLOSSARY .....                                                                | 2           |
| 3. MATERIALS, WORKMANSHIP AND CONSTRUCTION .....                                 | 3           |
| 3.1 General .....                                                                | 3           |
| 3.2 Capacities .....                                                             | 3           |
| 3.3 Construction .....                                                           | 4           |
| 3.4 Valves .....                                                                 | 5           |
| 3.5 Spout .....                                                                  | 5           |
| 3.6 Vent .....                                                                   | 5           |
| 3.7 Top, Bottom and Body of Metal Safety Containers .....                        | 5           |
| 3.8 Seams and Joints of Metal Safety Containers .....                            | 5           |
| 3.9 Support Rings of Metal Safety Containers .....                               | 6           |
| 3.10 Pouring Spouts and Fill Fittings .....                                      | 6           |
| 3.11 Pouring Nozzles - Type II Containers .....                                  | 7           |
| 3.12 Valves and Valve-Operating Mechanics .....                                  | 7           |
| 3.13 Springs .....                                                               | 8           |
| 3.14 Handles .....                                                               | 8           |
| 3.15 Attachment of Fittings .....                                                | 8           |
| 3.16 Screens or Strainers .....                                                  | 8           |
| 3.17 Protective Coatings of Metal Safety Containers .....                        | 9           |
| 4. PERFORMANCE .....                                                             | 9           |
| 4.1 General .....                                                                | 9           |
| 4.2 Stability .....                                                              | 9           |
| 4.3 Leakage .....                                                                | 9           |
| 4.4 Hydrostatic Strength .....                                                   | 10          |
| 4.5 Valves .....                                                                 | 10          |
| 4.6 Flexible Nozzle .....                                                        | 10          |
| 4.7 Sheet Brass and Brass Rod .....                                              | 10          |
| 4.8 Compatibility .....                                                          | 10          |
| 4.9 Permeance .....                                                              | 11          |
| 4.10 Physical Resistance .....                                                   | 12          |
| 4.11 Spout Cover Assembly Endurance .....                                        | 12          |
| 4.12 Handle Strength .....                                                       | 12          |
| 4.13 Fill and Pouring Valves and Handles .....                                   | 12          |
| 4.14 Flammability .....                                                          | 12          |
| 4.15 Fire Exposure .....                                                         | 13          |
| 4.16 Burner Flame Application - Plastic Safety Containers .....                  | 13          |
| 4.17 Heated Rod - Plastic Safety Containers .....                                | 13          |
| 4.18 Aging - Plastic Safety Containers .....                                     | 13          |
| 4.19 Identification .....                                                        | 13          |
| 4.20 Ultraviolet Light and Water Resistance - Plastic Safety<br>Containers ..... | 13          |