

Australian Standard™

AMDT
No. 1

**Metal aerosol dispensers of capacity
50 mL to 1000 mL inclusive**

STANDARDS
Australia



This Australian Standard was prepared by Committee PK-013, Aerosol Containers. It was approved on behalf of the Council of Standards Australia on 15 September 2000.

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Aerosol Association of Australia
Australian Chamber of Commerce and Industry
Australian Chemical Specialities Manufacturers Association
Australian Paint Manufacturers Federation
Canmakers Institute of Australia Inc
Cosmetic Toiletry Fragrance Association of Australia Inc
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee, PK/13, Aerosol Containers to supersede AS 2278—1986, *Metal aerosol containers*. Although PK/13 is a Joint AS/NZS Committee Standards, New Zealand wish the Standard to continue as an Australian Standard.

This Standard incorporates Amendment No. 1 (March 2006). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The revision was a result of a review of the Standard that is being carried out to ascertain the suitability and necessity to have a standard for metal aerosol containers. This Standard has been updated to be in line with other foreign standards such as British Standards, Japanese and American regulations and Council Directives of European Communities to keep pace with new developments.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPEAMDT
No. 1

This Standard specifies requirements for materials, construction, filling, performance testing and marking for metal aerosol dispensers from 50 mL to 1000 mL maximum net capacity, pressurized by liquefied, dissolved or compressed propellant gases.

For testing procedures regarding flammability, see Appendix A.

1.2 REFERENCED DOCUMENT

The following document is referred to in this Standard:

Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)

1.3 DEFINITIONS

For the purpose of this Standard the definitions below apply.

1.3.1 Aerosol dispenserAMDT
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The United Nations *Recommendations on the Transport of Dangerous Goods Model Regulations* defines an aerosol as ‘a non-refillable receptacle made of metal, glass or plastics and containing a gas, compressed, liquefied or dissolved under pressure, with or without a liquid, paste or powder, and fitted with a release device allowing the contents to be ejected as solid or liquid particles in suspension in a gas, as a foam, paste or powder or in a liquid state or in a gaseous state’.

Aerosol containers are single use articles that are not intended to be refilled or re-used after being partly or completely emptied.

1.3.2 Bursting pressure

The minimum pressure which causes the unfilled aerosol dispenser container to burst or rupture.

1.3.3 Flammability

Flammable components are gases which are flammable in air at normal pressure or substances or preparations in liquid form which have a flashpoint less than or equal to 100°C.

1.3.4 Ignition

Ignition is a stable flame maintained for at least 5 seconds.

1.3.5 Net capacity

The volume in millilitres of a filled and closed aerosol dispenser.

1.3.6 Product

The total contents of a filled aerosol dispenser including the propellant.