

AS/NZS ISO 8124.1:2002
(Incorporating Amendment Nos 1, 2 and 3)

AS/NZS ISO 8124.1:2002

Australian/New Zealand Standard™

Safety of toys

Part 1: Safety aspects related to mechanical and physical properties (ISO 8124-1:2000, MOD)



AS/NZS ISO 8124.1:2002

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CS-018, Safety of Children's Toys. It was approved on behalf of the Council of Standards Australia on 30 April 2002 and on behalf of the Council of Standards New Zealand on 18 April 2002.
This Standard was published on 16 May 2002.

The following are represented on Committee CS-018:

Australian Chamber of Commerce and Industry
Australian Competition and Consumer Commission
Australian Consumers Association
Australian Hearing
Australian Retailers Association
Commerce Commission New Zealand
Department of Fair Trading NSW Consumer
Kidsafe
Ministry of Health, New Zealand
New Children's Hospital, Westmead
New Zealand Toy Distributors Association
Office of Consumer and Business Affairs South Australia
Office of Consumer Affairs Tasmania
Office of Fair Trading and Business Affairs (Victoria)
Pigment Ecological & Toxicological Technical Committee of Aust
Plastics and Chemicals Industries Association
Queensland Health
The Treasury, Consumer Affairs Division

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Web Shop at www.standards.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

Alternatively, both organizations publish an annual printed Catalogue with full details of all current Standards. For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR 01339.

AS/NZS ISO 8124.1:2002
(Incorporating Amendment Nos 1, 2 and 3)

Australian/New Zealand Standard™

Safety of toys

Part 1: Safety aspects related to mechanical and physical properties (ISO 8124-1:2000, MOD)

Originated as AS 1647—1974.
Previous editions AS 1647.1—1990 and AS 1647.2—1992.
Jointly revised and redesignated as AS/NZS ISO 8124.1:2002.
Reissued incorporating Amendment No. 1 (May 2007).
Reissued incorporating Amendment No. 2 (February 2009).
Reissued incorporating Amendment No. 3 (August 2009).

COPYRIGHT

© Standards Australia/Standards New Zealand

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Jointly published by Standards Australia, GPO Box 476, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 4505 9

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS-018, Safety of Childrens Toys. It is an adoption with national modifications and has been reproduced from ISO 8124-1:2000, *Safety of toys, Part 1: Safety aspects related to mechanical and physical properties*.

This Standard incorporates Amendment No. 1 (May 2007), No. 2 (February 2009) and Amendment No. 3 (August 2009). 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 objective of this Standard is to provide a specification for general safety, construction and labelling requirements for toys complying with the proposed AS/NZS ISO 8124.1.

For the purpose of this Standard, the ISO text is modified as set out in Appendix ZZ. These changes are indicated by a marginal bar against the relevant clause or part thereof affected.

The changes were made to ISO 8124-1 for the following reasons:

- (a) To retain the previously used warnings on packaging which are uniformly applied to packaging of many different types of products, not just toys, in Australia and New Zealand.
- (b) To use terms more commonly in use in Australia and New Zealand.
- (c) To include additional advice.

As this Standard is reproduced from an international publication, the following applies.

- (i) Its number appears on the cover and title page while the International Standard number appears only on the cover.
- (ii) In the source text, 'this part of ISO 8124' should read 'this Australian/New Zealand Standard'.
- (iii) A full point substitutes for a comma when referring to a decimal marker.

References to international Standards should be replaced by equivalent Australian, New Zealand or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard or other publication</i>		<i>Australian/New Zealand Standard</i>	
ISO		AS	
868	Plastics and ebonite—Determination of indentation hardness by means of a durometer (Shore hardness)	1683 1683.15.1	Methods of test for elastomers Part 15.1: International rubber hardness
4287	Surface roughness—Terminology		
4287-2	Part 2: Measurement of surface roughness parameters	1683.15.2	Part 15.2: Durometer hardness
4593	Plastics—Film and sheeting—Determination of thickness by mechanical scanning	2382	Surface roughness comparison specimens
6508	Metallic materials—Rockwell hardness test	1815	Metallic materials—Rockwell hardness test
6508-1	Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T)		

The terms 'normative' and 'informative' have been used in this Standard to define the application of the annex or appendix to which they apply. A 'normative' annex or appendix is an integral part of a Standard, whereas an 'informative' annex or appendix is only for information and guidance.

CONTENTS

	<i>Page</i>
1 Scope.....	1
2 Normative references	2
3 Terms and Definitions	3
4 Requirements	10
5 Test methods.....	26
Annexes	
A Battery-operated toys	48
B Age-grading guidelines.....	51
C Safety-labelling guidelines and manufacturer's markings	55
D Design guidelines for toys attached to cribs or playpens	60
E Rationale	61
F Acoustics	70
Bibliography	79
Appendix ZZ List of variations to ISO 8124-1:2000 for Australia and New Zealand.....	80

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-