
Packaging — Vocabulary —
Part 2:
Packaging and the environment terms

Emballages — Vocabulaire —

Partie 2: Emballages et termes de l'environnement

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#).

The committee responsible for this document is ISO/TC 122, *Packaging*, Subcommittee SC 4, *Packaging and environment*.

ISO 21067 consists of the following parts, under the general title *Packaging — Vocabulary*:

- *Part 1: General terms*
- *Part 2: Packaging and the environment terms*

Introduction

In order to implement the “Packaging and the environment” series of International Standards, all those involved in the packaging chain including economic operators, public and local authorities and consumers will be dealing with many terms related to packaging and in particular to used packaging.

Some of the definitions in that series of International Standards are self-supporting but some make reference to other standards.

In order to facilitate a good understanding of the International Standards in the field of packaging and the environment, this part of ISO 21067 aims to provide a complete glossary of the terms defined in that series of International Standards, providing, where appropriate, additional notes to make these definitions understandable without reference to other documents.

The following principles are used as a basis:

- no preference is implied between the different methods of recovery;
- no preference is implied between different packaging materials.

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Packaging — Vocabulary —

Part 2: Packaging and the environment terms

1 Scope

This part of ISO 21067 defines terms used in the field of packaging and the environment. It does not include terminology already covered by ISO 21067-1 or other International Standards such as ISO 14050.

2 Terms and definitions

2.1 Basic and general terms

2.1.1

packaging component

part of packaging that can be separated by hand or by using simple physical means

[SOURCE: ISO 18601:2013, 3.11]

2.1.2

packaging constituent

part from which packaging or its components are made and which cannot be separated by hand or by using simple physical means

[SOURCE: ISO 18601:2013, 3.12]

2.1.3

packaging waste

packaging that has been used by the final consumer or end user and which is discarded for final disposal and is not intended for reuse or recovery

[SOURCE: ISO 18601:2013, 3.15]

2.1.4

used packaging

packaging that has been used by the final consumer or end user and which is destined for reuse or recovery

[SOURCE: ISO 18601:2013, 3.24]

2.1.5

recyclable

characteristic of a product, packaging or associated component that can be diverted from the waste stream through available processes and programmes and can be collected, processed and returned to use in the form of raw materials or products

[SOURCE: ISO 18604:2013, 3.6]

2.1.6

supplier

entity responsible for placing packaging or packaged goods on the market

Note 1 to entry: The term “supplier” in normal usage can relate to various points in a supply chain. For the purpose of ISO 18601, it relates to any point in the supply chain where a transaction relating to packaging or packaged goods takes place.

[SOURCE: ISO 18601:2013, 3.22]

2.1.7

emptier

person or entity who empties a package

[SOURCE: ISO 18603:2013, 3.10]

2.2 Terms related to optimization of the packaging system

2.2.1

packaging system

complete set of packaging for a packaged good, encompassing one or more of the following that are applicable (depending on the packaged goods): Primary packaging, Secondary packaging, Tertiary (distribution or transport) packaging

[SOURCE: ISO 18602:2013, 3.6]

2.2.2

packaging optimization

process for the achievement of a minimum adequate weight or volume (source reduction) for meeting the necessary requirements of primary or secondary or transport packaging, when performance and user/consumer acceptability remain unchanged or adequate, thereby reducing the impact on the environment

[SOURCE: ISO 18602:2013, 3.1]

2.2.3

critical area(s)

specific performance criterion/criteria which prevents further reduction of weight or volume without endangering functional performance, safety and user/consumer acceptability

[SOURCE: ISO 18602:2013, 3.2]

2.2.4

substances

chemical elements and their compounds in the natural state or obtained by any production process, including any additive necessary to preserve stability, and any impurity deriving from the production process used, but excluding any solvent which may be separated without affecting the stability of the substance or changing its composition

[SOURCE: ISO 18602:2013, 3.7]

2.2.5

mixture

preparation or solutions composed of two or more *substances* ([2.2.4](#))

[SOURCE: ISO 18602:2013, 3.8]

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2.2.6**safety data sheet**

documentation providing comprehensive information about a *substance* (2.2.4) or *mixture* (2.2.5)

Note 1 to entry: The UN Globally Harmonized System (3rd revised edition) — Part 1 and Annex 4 - requires that documentation should be provided to users of the substance or mixtures and to contain the required information.

[SOURCE: ISO 18602:2013, 3.9]

2.2.7**substances hazardous to the environment**

any *substances* (2.2.4) classified as presenting an environmental hazard according to the UN Globally Harmonized System for Classification and Labeling of Chemicals and its amendments (GHS) (3rd revised edition), Part 4, whilst meeting the criteria of labeling with the environmental hazard pictogram

Note 1 to entry: This is a general classification of substances hazardous to the environment and cannot be taken as specifically relating to substances used in packaging.

[SOURCE: ISO 18602:2013, 3.12]

2.3 Terms related to reuse of packaging**2.3.1****reuse**

operation by which packaging is refilled or used for the same purpose for which it was conceived, with or without the support of *auxiliary products* (2.3.7) present on the market enabling the packaging to be refilled

Note 1 to entry: Non reusable items that support packaging reuse, such as labels or closures, are considered to be part of that packaging.

[SOURCE: ISO 18603:2013, 3.1]

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2.3.2**reusable packaging**

packaging or *packaging component* (2.1.1) which has been designed to accomplish or proves its ability to accomplish a minimum number of trips or rotations in a *system for reuse* (2.3.6)

[SOURCE: ISO 18603:2013, 3.2]

2.3.3**trip**

transfer of packaging, from filling/loading to emptying/unloading

Note 1 to entry: See ISO 18603:2013, Annex A.

[SOURCE: ISO 18603:2013, 3.3, modified]

2.3.4**rotation**

cycle undergone by *reusable packaging* (2.3.2) from filling/loading to filling/loading

Note 1 to entry: See ISO 18603:2013, Annex A.

[SOURCE: ISO 18603:2013, 3.4, modified]