

TECHNICAL FILE

Construction system Lovelties



Lovelties
Kerklaan 4
1211PP Hilversum

Netherlands

The contents of this file are strictly confidential. Any person in possession of this file without the knowledge of the manufacturer, has obtained it illegally!

CHECKLIST CE MARKING

Overview of the most important steps for the implementation of CE marking..

| | date: | ✓ |
|--|--------------|---|
| Determine if other directives are applicable | 06-11-2020 | ✓ |
| Search for relevant standards | 06-11-2020 | ✓ |
| Study of specific standards | 06-11-2020 | ✓ |
| Determine content of identification label | 06-11-2020 | ✓ |
| Complete document list | 06-11-2020 | ✓ |
| Write Declaration of Conformity | 06-11-2020 | ✓ |
| Sign Declaration of Conformity | | |

IDENTIFICATIE

This document

version: tcd construction system lovelties-ta
en.docx
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Original language: English

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Composition

This documentation is compiled under responsibility of the manufacturer by:



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This document applies to:

Name toy: Construction system Lovelties
Type: various

The manufacturer

This toy is manufactured by:

Lovelties
Kerklaan 4
1211PP Hilversum
Netherlands

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For an overview of the annexes contained between the tab dividers, see "Document " op pagina 14.

PREFACE

Aim:

This Technical Construction File is drafted so as to meet the requirements for CE marking in accordance with the Directive on Toys. It is used by the manufacturer when making the toys and, upon request of the national surveillance authorities, to check the application of the directive.

It also serves as the technical file for the other directives, in case where these directives also apply (see Declaration of Conformity).

Structure:

The file is constructed as follows:

- A main document (this text).
- Annexes that are produced as part of the main document: are considered part of the main document, have continuous page numbering and are included in the table of contents.
- Annexes separated by tab dividers, these are produced separately (for example, essential requirements) or are supplied from a third party (for example, suppliers of components). An overview of these annexes is included in the "Document " op pagina 14.

The **main document** consists of a description, in chronological order, of the steps taken to produce a toy that meets the minimum safety requirements in accordance with Directive on Toys. This is an iterative process during which many steps are repeated. This Technical Construction File represents the end result **as if** it was reached in a single process step.

This enables the structure of the text to be used as a guide for the CE marking and shows that systematic working methods were used.

In order to make the file easy accessible for the surveillance authorities, all parts required or considered important by the Directive on Toys, are detailed in the "Document " op pagina 14 which also provides details of the location of the documents.

Not all documents are permanently kept with the main document: a reference can also be included with regard to the location and/or designation of a document. In the case that the file is requested by the authorities, then the documents required must be added.

1 PREPARATION/ DEFINITION

1.1 DEFINITION, USERS ETC.

1.1.1 PURPOSE OF THE TOY

Picture for colouring

1.1.2 PHYSICAL BOUNDARIES

The item consists of:

- Different shapes of multiplex designed to fit into each other to form an object.
- Cardboard packaging
- Parts list
- Building instruction

Materials:

- Multiplex (not chemically treated)
- Card board (packaging)
- Paper with printing (instructions

The product is intended to be assembled by the child.

Different models are available





1.1.3 USERS

- Children over 36 months of age. Determined according CR 14379, table 7.

1.1.4 OTHER SPECIFICATIONS

None

1.2 LITERATURE AND STANDARDS

1.2.1 BASIC KNOWLEDGE

The basic knowledge with regard to safety of toys that is present at the manufacturer:

- The fundamental safety and health requirements (annex II of the Directive on Toys).

1.2.2 STANDARDS

Specifically for this product, the following standards were studied and the obtained knowledge applied:

NEN-EN 71-1:2014+A1:2018

Safety of toys - Part 1: mechanical and physical properties

NEN-EN 71-2: 2011 +A1:2014

Safety of toys - Part 2: Flammability

NEN-EN 71-3:2019

Safety of toys - Part 3: Migration of certain elements

The final list of applied standards is included in the Declaration of Conformity.

In the text of this file references to this standards are abbreviated.

1.2.3 OTHER LITERATURE/SOURCES

None

1.3 OTHER PREPARATIONS

The following external experts have been consulted:

Avier Ingenieurs, Roermond, Netherlands.

- Technical Construction File
- Assessment according EN 71-1 and EN 71-2

2 CONFORMITY ASSESSMENT PROCEDURE

The manufacturer has applied harmonised standards, the reference number of which has been published in the *Official Journal of the European Union*, covering all relevant safety requirements for the toy, it shall use the internal production control procedure set out in Module A of Annex II to Decision No 768/2008/EC.

2.1 MECHANICAL AND PHYSICAL PROPERTIES

The toy is tested according EN 71-1

The tests is carried out by:

Avier Ingenieurs
Brededwardsstraat 8
6042 GH Roermond

2.2 FLAMMABILITY

Assessed according EN 71-2:

The toy meets clause 4.1 EN 71-2, clause 4.2, 4.3, 4.4 and 4.5 are not applicable

2.3 CHEMICAL PROPERTIES

No chemical risks to be expected. Not chemically treated 1

3 OTHER EC DIRECTIVES

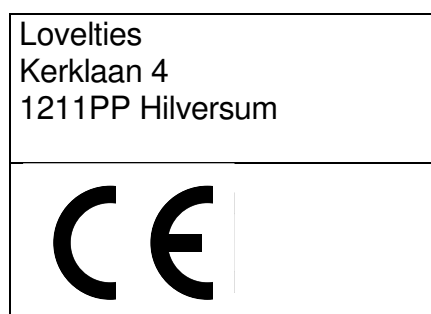
None

4 MARKING

Source::

- Directive on toys (2009/48/EC), article 6 and 17

Marking contains the following:



Small parts

5 USER INSTRUCTIONS

User instructions are provided

6 MANUFACTURING AND STORING LOCATIONS

Lovelties
Kerklaan 4
1211PP Hilversum

Manufacturing method: serial production

Manufactured in Netherlands

APPENDICES

APPENDIX 1 INTERNAL REGULATION CONCERNING SERIES PRODUCTION

- This technical construction file is the base for each toy to be produced of this type.
For that purpose all drawings and production data are incorporated. The contents remain unchanged.
- Small modifications are recorded in an index (see "Record of small modifications" op pagina 13). These records contain:
 - date of modifications.
 - description of the modification.
 - reference to the concerning data sheet or to new data.Where needed new documents are generated and added to the index.
- The original Technical Construction File together with all modifications serves as a model for each subsequent toy.
- A new TCF is made if one of the following situations occur:
 - An extensive modification.
 - A modification that has important consequences with respect to health and safety.
 - The number of modifications has become too great, possibly leading to confusion.
- The new TCF again forms the base for the system as described above.

All employees who have to know about this procedure, are informed.

Appendix 1. RECORD OF SMALL MODIFICATIONS

| Date of implementation | Carried out by | Applicable references | Description of modification |
|------------------------|----------------|-----------------------|-----------------------------|
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Appendix 2. DOCUMENT OVERVIEW

List of documents belonging to this toy. References, numbers, etc. are referring to the document and not to the product or part.

| Requirement according the Directive on Toys | Name | Indien toegepast: | | To be found in: |
|---|-------------------|-------------------|-----------|--|
| | | Identification | version | |
| List of applied standards | | | | On Declaration of conformity |
| Declaration of Conformity | | | | DoC drawing picture Kribbel Krabbel |
| The internal measures for series manufacture | | | | zie "Appendix 1 " on page 12 van dit TCD |
| Certificates of competent bodies or laboratories specifications | | | | Not applicable |
| Technical reports | Checklist EN 71-1 | | 6-11-2020 | In this document tab 1 |