

TNO-report

VERP 05.08967/CS

Packaging of dangerous goods

Packaging approval no. 2018

Date

May 25, 2005

Author(s)

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Holder UN-mark

CurTec Nederland B.V.
P.O.Box 25
5120 AA RIJEN
THE NETHERLANDS

Manufacturer

CurTec Nederland B.V.
P.O.Box 25
5120 AA RIJEN
THE NETHERLANDS

Order confirmation

VERP 04.08315/RV
VERP 05.08804/CS

TNO Project number

V05.052

Project manager

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Number of pages

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Description of the packaging

Plastics drum, removable head

Packaging code	:	1H2
Type identification	:	CurTec code 7003 and 7004, without handle
Material		
- drum	:	Atofina Lacqtene 2002, Sabic HDPE B5933, BP Solvay Rigidex 5502S or Exxon Mobil HYA 600
- lid	:	Exxon Mobil HMA 035, Sabic HDPE M80063S or BP Solvay Rigidex HD6070UA
CurTec code	:	7003 7004
Dimensions of the drum		
- outside	:	ø 198 x 165 mm ø 198 x 165 mm
- inside	:	ø 191 x 151 mm ø 195.5 x 151 mm
Brimful capacity	:	3.6 litres
Method of manufacturing		
- drum	:	blow moulding
- lid	:	injection moulding
Nominal mass		
- drum (excl. components)	:	235 g
Gasket		
- dimensions (d x l)	:	ø 5.2 x 433.5 mm
- material	:	NR/SBR or EPDM

Reference regulations

Sea transport	:	IMDG Code, 2004
Air transport	:	ICAO TI, 2005/2006
Road transport	:	ADR, 2005
Railway transport	:	RID, 2003

Reference reports

TNO-report(s)	:	BU4.96/004232-1/PS, dated March 18, 1996 BU4.96/009581-1/PS, dated September 17, 1996 BU4.99/028908-1/PS, dated February 18, 1999 BU4.99/029064-1/PS, dated February 24, 1999 VERP 03.04634/RV, dated December 24, 2003 VERP 05.08950/CS, dated March 29, 2005
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Contents to be transported

Packing group	:	I, II and III
Solids		
Maximum bulk density	:	3300 kg/m ³
Tested with	:	steel shot
Maximum gross mass	:	12 kg

UN-mark

TNO Product Testing & Consultancy BV as competent authority has issued the following mark:



-- the last two numbers of the year in which the packaging was produced should be entered here.

This mark can be used by the holder of the UN-mark, Curtec Nederland B.V. at Rijen, the Netherlands, to indicate that the packagings produced meet the requirements.

Quality assurance

Manufacturing of packagings bearing this mark must be according to a quality assurance system as laid down by TNO Product Testing & Consultancy BV in the Guideline as applicable.

Use of packagings

The use of packagings of the approved type for the transport of dangerous goods has been laid down in the regulations applicable in the mode of transport.

Validity

This approval replaces all approvals issued earlier.

The use of packagings, manufactured in a period in which a previous approval was valid, is allowed.

C.C.M. Steinhage B.Sc
Project manager

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