
CERTIFICATE OF APPROVAL

N° 230560

DATE: 28/06/2023

PACKAGING APPROVAL N°: **NL/ CURTEC 1352**

HOLDER UN MARK: **CURTEC NEDERLAND B.V.**
Spoorlaan Noord 92
NL - 5121 WX RIJEN
The Netherlands

MANUFACTURER: **CURTEC NEDERLAND B.V.**
Spoorlaan Noord 92
NL - 5121 WX RIJEN
The Netherlands

T&CPI order number **T&CPI-23.025**

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Eng. J.A.G. (Hans) van Crugten
Project Manager



Dr. Ann Delmotte
General Manager

1. Description of the packaging

Plastics drum blow moulded, removable head.
UN packaging code: 1H2

Type identification	Nominal capacity	Dimensions	Nominal mass drum without lid	
Standard drum, serial number 7006	6 l	ø 198 x 257 mm	310 g	

Material code drum	Drum	Lid ref 7006
A	Exxon Mobil HYA600	Sabic M80064SE or Sabic M80064S or Exxon Mobil HMA 035 or Ineos Polyolefins Rigidex HD6070UA
B	Ineos Rigidex HD5502S	
D	Sabic B5429	
E	Braskem HS5502	
G	Chevron Phillips Marlex HHM 5502BN	
H	Braskem SGF4950HS	90% Braskem SHC7260 + 10% QUEO 8210

Manner of closing:	Removable Screw-On Lid
Dimensions of the lid:	ø 194 x 36,5 mm
Nominal mass lid	104 g
Gasket (Moosgummi ring)	
Dimensions:	Round 141 x 5.2 mm
Material	NR / SBR or EPDM
Mass gasket:	6 g

2. Reference regulations

Sea transport:	IMDG Code, 2022
Air transport:	ICAO TI, 2023/2024
Road transport:	ADR, 2023
Railway transport:	RID, 2023

3. Reference reports

TNO report:	93.1184, dated April 20, 1993
TNO report:	94.10174, dated April 12, 1994
TNO report:	BU4.97/018503-1/PS, dated October 06, 1997
TNO report:	BU4.99/028908-1/PS, dated February 18, 1999
TNO report:	BU4.99/029064-1/PS, dated February 24, 1999
TNO report:	VERP 03.04634/RV, dated December 24, 2003
TNO report:	VERP 04.07112/RV, dated March 30, 2004
TNO report:	VERP 05.08950/CS, dated March 29, 2005
TCPI report:	TCPI-15.039a, dated April 09, 2015
BVI report:	T-15.010, dated April 9, 2015 (based on test reinforced wall thickness: acceptance of all other materials approved for the reference UN 1372)
BVI report:	G-15.067, DOT vibration test
BVI report:	T-18.036, dated January 11, 2019
BVI report:	T-23.015, dated May 15, 2023

4. Contents to be transported

Solids: maximum gross mass 20 kg

	Volume	6 l
Packing group I, II and III	Maximum bulk density	3000 kg/m ³
	Tested with	quartz sand/PE granulates different closed bags

Based on 4.1.1.5.1 and additional tests according to report T-18.036, dated January 11, 2019 the packaging may also be used as combination packaging.


Inner package;

- One or more plastic bags with or without one or more layers from the same or other materials.
- Dimensions of the plastic bags; ≥100 x ≥200 mm, thickness ≥80 micron
- According to 4.1.1.5.1 sufficient additional cushioning material is required to take void spaces and to prevent significant movement of the inner packaging's
- Inner packaging must be suitable for the substance to be packed.

Solids: maximum gross mass		20 kg
Packing group I, II and III	Maximum bulk density	7800 kg/m ³
	Tested with bags with	Quartz sand / PE granulates Quartz sand / Steel sawdust


5. UN mark

T&C Packaging International BV as recognized body by the competent authority in The Netherlands has issued the following mark:

Packaging type	
7006	 1H2/X20/S/**/NL/CURTEC 1352
	** the last two numbers of the year of production

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

In addition, the packaging has been successfully submitted to a DOT vibration test

Material clock to add in container	Material reference Container	Material
	A	Exxon Mobil HYA600
	B	Ineos Rigidex HD5502S
	D	Sabic B5429
	E	Braskem HS5502
	G	Chevron Phillips Marlex HHM 5502BN
	H	Braskem SGF4950HS

6. Quality assurance

Manufacturing of packaging bearing this mark must be according to a quality assurance system as required by the competent authority in The Netherlands and laid down in the applicable Guideline.

7. Use of packaging

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

8. Validity

This approval replaces all approvals issued earlier.
The use of packaging, manufactured in a period in which a previous approval was valid, is allowed.



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