



# PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NETO109A

# **HOLDER OF CERTIFICATE:**

# **Emballator Mellerud Plast AB**

MANUFACTURER: Emballator Mellerud Plast AB, Box 83, SE-464 22 Mellerud,

**SWEDEN** 

MARKING ON PACKAGING:  $\binom{u}{n}$  3H1/Y1.9/150/YR/N/NET0109A - ID

"YR" to be replaced with the two last digits of the year.

"ID" to be replaced by any identification as decided by the manufacturer.

The packaging shall also be appropriately marked with the month of the manufacture.

#### **PRODUCT:**

Packaging code	Description	Drawings	Material
3H1	Plastics jerricans,	H0526-410-300	HDPE, Sabic B5210
	non-removable head	19990323	



## **DIMENSIONS:**

#: Packaging	Volume, I	Length, mm	Width, mm	Height, mm
weight, g				
1: 230 - 290	5.0	190	130	304
2: 265 - 290	5.0	190	130	304

Telephone +47 900 17025

E-mail: <u>info@net17025.com</u>

Web: <u>www.net17025.com</u>

VAT No.: 990 793 840 Bank account: 6250.05.22351 GPS: 59°03'25" N 9°40'70" E



#### **CLOSING MECHANISM:**

#: Closure type	Producer	Drawings	Material	Gasket	Torque, Nm
1: Screw cap,	Emballator	12436	Basell ACP	PET Alu coated	7 - 10
child proof	Växjö Plast AB		6541A /Borealis	PE	
			MG9621S		
2: Screw cap	Emballator	12474	Basell ACP	None	7
	Växjö Plast AB		6541A		
3: Screw cap,	Emballator	12436	Basell	ALKOpore	4 - 10
child proof	Växjö Plast AB		ACP6541A/		(4 - 5
			Borealis		recommended)
			MB7541		







#### **APPROVAL:**

The certificate is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. To ensure validation of the certificate, check the NET website.

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 06/6950-7/BJRU.

NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.

NET issues the certification on described product according to an agreement between Norwegian Civil Aviation Authority (Luftfartstilsynet) - 01.03.18 - 18/00114-8.

# **REGULATIONS BASED UPON FOR APPROVAL:**

UN Recommendations on the Transport of Dangerous Goods.

ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID, International Regulations on Transport of Dangerous Goods by Rail.

IMDG, International Maritime Dangerous Goods Code, for sea transport.

ICAO, Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IATA, Dangerous Goods Regulations, for the air transport.

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## **APPROVAL IS VALID FOR:**

The packaging is valid for packaging group II and III containing liquid substances that do not adversely affect the packaging materials. The packaging has been permeability tested and approved according to ADR 6.1.5.7. Compatibility testing has been carried out according to ADR/RID with the content listed below:

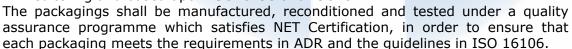
Content	Max. relative density	Max. vapour pressure,	Packaging # / Closure #
		kPa at +50°C	
Mixture of hydrocarbons	1.0	114	1 / 1
Water	1.9	142	1 / 1
Wetting solution	1.2	142	1 / 1
UN3105, Organic	1.2	114	2 / 2,3
Peroxide			
Acetic acid	1.1	114	1 / 1
n-Butylacetate	1.0	114	1 / 1
Nitric acid	1.4	114	2 / 2

#### **DOCUMENTS BASED UPON FOR APPROVAL:**

Report id.	Date	Issued by	Scope
NET0109A	02.09.2007	NET	Type approval
NET0108A-AA	03.09.2008	NET	Technical evaluation
NET0109A-1	08.05.2009	NET	Type approval
NET0109A-2	08.08.2012	NET	Type approval
NET0109A-3	27.08.2012	NET	Type approval
NET0109A-4	13.08.2013	NET	Type approval
NET01TE09A	03.03.2015	NET	Technical evaluation
NET01T09	15.05.2015	NET	Selective test

#### **TEST STANDARD:**

All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with ISO17025 approved by Norsk Akkreditering and based upon ISO16495 and ISO13274.





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BREVIK, NORWAY

**16.03.2021** CERTIFICATE IS VALID UNTIL:

31.03.2026

Geir Morten Johansen Certification Officer

aci M. Johan

Rune Madsen Fink Control Officer

Nordisk Emballasje Testing AS Certification

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