



**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET0109A**

HOLDER OF CERTIFICATE:
Emballator Mellerud Plast AB

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

MARKING ON PACKAGING:  **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, non-removable head	H0526-410-300 19990323	HDPE, Sabic B5210

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque, Nm
1: Screw cap, child proof	Emballator Växjö Plast AB	12436	Basell ACP 6541A /Borealis MG9621S	PET Alu coated PE	7 - 10
2: Screw cap	Emballator Växjö Plast AB	12474	Basell ACP 6541A	None	7
3: Screw cap	Emballator Växjö Plast AB	11376	Sabic 5429	ALKOZell	10
4: Screw cap	Emballator Växjö Plast AB	11376	Sabic 5429	None	10
5: Screw cap, child proof	Emballator Växjö Plast AB	11448-3	Sabic 5429/ Borealis MG9621S	ALKOZell	10
6: Screw cap, child proof	Emballator Växjö Plast AB	12140B	Basell ACP6541A/ Borealis MG9621S	ALKOZell	10
7: Screw cap	Emballator Växjö Plast AB	12142B	Basell ACP6541A	None	10

8: Screw cap, child proof	Emballator Växjö Plast AB	12140B	Sabic 5429/ Borealis MG9621S	ALKOZell	10
9: Screw cap	Emballator Växjö Plast AB	12142B	Sabic 5429	None	10
10: Screw cap	Emballator Växjö Plast AB	12142B	Sabic 5429	ALKOZell	10
11: Screw cap, child proof	Emballator Växjö Plast AB	12436	Basell ACP6541A/ Borealis MB7541	ALKO pore	4 - 10 (4 - 5 recommended)



DIMENSIONS:

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

APPROVAL:

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.

REGULATIONS BASED UPON FOR APPROVAL:

ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.
 RID, International Regulations on Transport of Dangerous Goods by Rail.
 UN Recommendations on the Transport of Dangerous Goods.
 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.

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, kPa at +50°C	Packaging # / Closure #
White spirit	1.0	114	1 / 1,3,4,5,6,7,8,9
Water	1.9	142	1 / 1-10
Wetting solution	1.2	142	1 / 1,3,4,5,6,7,8,9
UN3105, Organic Peroxide	1.2	114	2 / 2,11
Acetic acid	1.1	114	1 / 1,3,4,5,6,7,8,9
n-Butylacetate	1.0	114	1 / 1,3,4,5,6,7,8,9
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

LERUM, SWEDEN

21.05.2015 CERTIFICATE IS VALID UNTIL:

31.05.2020

A handwritten signature in blue ink, appearing to read 'Susanne Dahlberg'.

Susanne E. Dahlberg
Certification Officer

A handwritten signature in blue ink, appearing to read 'Rune Madsen Fink'.

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification