



PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0120A

HOLDER OF CERTIFICATE:
Emballator Mellerud Plast AB

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

MARKING ON PACKAGING:  **3H1/Y1.#/100/YR/N/NET0120A - ID**

"#" to be replaced by either 2 or 9 indicating max relative density, see table for content.

"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, 25 l	Plastics jerricans, non-removable head	D2500-610-104 I 131114	HDPE, Sabic B5210
3H1, 20 l	Plastics jerricans, non-removable head	D2000-610-104 I 131114	HDPE, Sabic B5210
3H1, 25 l	Plastics jerricans, non-removable head	D2500-610-104 H 131114	HDPE, Sabic B5210
3H1, 20 l	Plastics jerricans, non-removable head	D2000-610-104 H 131114	HDPE, Sabic B5210

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap	Bergi GmbH	00-1836	Total 51090	Foamed PE	20 - 25 Nm
2: Screw cap	KTH GmbH	V6122-OV	HXM 50100	Foamed PE	20 - 25 Nm
3: Screw cap vented	KTH GmbH	V6122-OV	HXM 50100	Foamed PE	20 - 25 Nm
4: Screw cap	BERICAP GmbH & Co	ENG-00-027965	Rigidex HD5050EA	ALKOsafe Paper 80/30/12/60	20 Nm
5: Screw cap	Emballator Växjöplast AB	12575	HDPE	EPE/PET, EPE/IHS, EPE ALU	20 - 25 Nm



DIMENSIONS:

#: Packaging weight, g	Volume, l	Height, mm	Width, mm	Length, mm
1: 930-1100	25.0	445	250	290
2: 1120-1308	25.0	445	250	290
3: 1163-1401	25.0	445	250	290
4: 830 - 982	20.0	370	250	290
5: 900-1208	20.0	370	250	290

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:

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.

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. Compatibility testing has been carried out according to ADR/RID with the content listed below. The Jerrican has two different marking for max. relative density. Content with max. relative density above 1.2 is only allowed in jerricans marked with 1.9.

Content	Max. relative density	Max. vapour pressure, kPa at +50°C	Closure # / Packaging #
Acetic acid	1.1	114	1-3, 5 / 1,2,4,5
Water	1.9	114	1-5 / 1,2,4,5
Water	1.2	114	4 / 4
White spirit	1.0	114	1-5 / 1,2,4,5
n-Butyl acetate	1.0	114	1-5 / 1,2,4,5
Wetting Agent	1.2	114	1-3,5 / 3
UN3105, Organic Peroxide	1.0	114	1-3,5 / 3

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
P806145	01.07.2009	SP	Type approval
NET0120A	19.01.2011	NET	Type approval
NET0120A-1	08.08.2012	NET	Type approval
NET01TE03	12.03.2013	NET	Technical Evaluation
NET01TE05	28.08.2013	NET	Technical Evaluation
NET01TE06	13.12.2013	NET	Technical Evaluation
NET01TE10	03.10.2014	NET	Technical Evaluation
NET01TE12	18.05.2015	NET	Technical Evaluation
NET16T04	02.01.2017	NET	Type test, cap #5

LERUM, SWEDEN

31.01.2017 CERTIFICATE IS VALID UNTIL:

31.01.2022

A blue ink signature of Susanne E. Dahlberg, written in a cursive style.

Susanne E. Dahlberg
Certification Officer

A blue ink signature of Rune Madsen Fink, written in a cursive style.

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification