



**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET0113A**

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/NET0113A - 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
1: 3H1	Plastics jerricans, non-removable head	H2511-610N 20080710	HDPE, Sabic B5210
2: 3H1	Plastics jerricans, non-removable head	H2011-610N 20050207	HDPE, Sabic B5210
3: 3H1	Plastics jerricans, non-removable head	H1511-610N 20050207	HDPE, Sabic B5210

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap 60 mm	KTH GmbH	V 6126 OV	Marlex HXM 50100	Foamed PE	20 - 25 Nm
1.1: Screw cap 60 mm	KTH GmbH	V 6126 OV	Marlex HXM 50100	Foamed PE	10 - 25 Nm
2: Screw cap 60 mm	Bergi-Plast GmbH	00-1836	Total 51090	Foamed PE	20 - 25 Nm
2.1: Screw cap 60 mm	Bergi-Plast GmbH	00-1836	Total 51090	Foamed PE, Rubber, Alveolit	10 Nm
3: Screw cap 61 mm	Emballator Växjöplast AB	12575 18.08.15	HDPE	EPE/PET, EPE/IHS, EPE ALU	10 - 25 Nm
3.1: Screw cap 61 mm	Emballator Växjöplast AB	12575 18.08.15	HDPE	EPE/PET, EPE ALU	10 Nm



DIMENSIONS:

Packaging weight, g	Volume, litre	Length, mm	Width, mm	Height, mm	Neck size, mm
1: 1100-1400	25.0	290	250	467	60
2: 970-1234	20.0	290	250	393	60
3: 835-1063	15.0	290	250	319	60

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 shall always be used according to the requirement of the applicable UN-code and its packaging instruction. The packaging has been permeability tested according to ADR/RID
 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 #
Water	1.9	142	1,2,3	1, 2, 3
White spirit	1.0	142	1,2,3	1, 2, 3, 1.1, 2.1, 3.1
n-Butyl acetate	1.0	142	1,2,3	1, 2, 3
Acetic acid	1.1	142	1,2,3	1, 2, 3
Nitric acid	1.4	142	1,2,3	1, 2, 3

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0113A	04.10.2007	NET	Type approval
NET0113A-NA	08.11.2007	NET	Type approval
NET0120A	19.01.2011	NET	Type approval

NET0113A2	15.08.2016	NET	Additional type test, cap #1.1, 2.1
NET16T04	24.01.2017	NET	Additional type test, cap # 3
NET01T12-1	28.04.2017	NET	Additional type test, cap #1.1, 2.1, 3.1

PORSGRUNN, NORWAY

02.05.2017 CERTIFICATE IS VALID UNTIL:

31.05.2022


 Geir Morten Johansen
 Certification Officer



 Rune Madsen Fink
 Control Officer

Nordisk Emballasje Testing AS Certification