



PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0127A

HOLDER OF CERTIFICATE:
Emballator Mellerud Plast AB

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

MARKING ON PACKAGING:  **1H1/Y1.2/100/YR/N/NET0127A - 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: 1H1	Plastics drums, non-removable head	U0100-281-924 20030305	Sabic B5210
2: 1H1	Plastics drums, non-removable head	U0100-320-924 20030512	Sabic B5210

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap 32 mm	Emballator Växjö Plast AB	12485	Borealis BL2631	None	2 Nm
2: Screw cap 28 mm	Emballator Växjö Plast AB	12484	Borealis BL2631	None	2 - 3 Nm
3: Screw cap, childproof 32 mm	Modulpac AB	32BO	BP40CB12 / Exxon HMA025	Alkozell	2 - 3 Nm



DIMENSIONS:

#: Packaging weight, g	Volume, l	Height, mm	Diameter, mm	Neck size, mm
1: 47.7 - 50.1	1.0	252.5	83.5	28
2: 47.7 - 50.1	1.0	250.2	83.5	32

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.

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 delegated authority from Norwegian Civil Aviation Authority (Luftfartstilsynet) - 200701524-6/492/JLU.

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. Permeability test has been carried out 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 #
White spirit	1.0	114	1
Water	1.2	114	1,2
Acetic acid	1.1	114	1

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0103A	02.08.2007	NET	Type approval
NET0127A	17.05.2012	NET	Type approval

LERUM, SWEDEN

14.05.2013

CERTIFICATE IS VALID UNTIL:

30.06.2017



Susanne E. Dalhberg
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification