



**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, (Industrigatan 2)
S-464 22 Mellerud
SWEDEN

Product:	Packaging code	Description	Drawings	Material
	3H1	Plastics jerrican with non-removable head	Jerrican, 5 litre, Drawing H0526-410-300	Sabic HDPE, B5210


Closing mechanism:	Closure type	Material in cap	Gasket	Closing torque
	Plastic screw cap, Drawing nr. 11376	Sabic B5429	PET coated polyethylene	10 Nm
	Plastic screw cap, Drawing nr. 11376	Sabic B5429	None	10 Nm
	Plastic screw cap, Drawing nr. 11448-3	Inner: Sabic B5429 Outer: Borealis MG9621S	PET coated polyethylene	10 Nm
	Plastic screw cap, Drawing nr. 12140B	Inner: Basell ACP6541A Outer: Borealis MG9621S	PE coated polyethylene	10 Nm
	Plastic screw cap, Drawing nr. 12142B	Basell ACP6541A	None	10 Nm
	Plastic screw cap, Drawing nr. 12140B	Inner: Sabic B5429 Outer: Borealis MG9621S	PE coated polyethylene	10 Nm
	Plastic screw cap, Drawing nr. 12142B	Sabic B5429	None	10 Nm

Photo:



Dimensions:

Neck size, mm	Packaging weight, g	Volume, litre	Height, mm	Width, mm	Length, mm
40	230-290	5	304	130	190

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.

Approval:

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB):
 Legal regulations on Transportation of Dangerous Goods on road and railway § 11-1, 7th segment.
 NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) RSR-13-2008 (02.09.2008).

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:

Liquid substances that do not adversely affect the packaging materials.
 Compatibility testing has been carried out according to ADR/RID with the standard liquids listed below.
 Permeability test has been carried out according to ADR 6.1.5.7. Packaging with weight higher than 228 g. is approved for the carriage of benzene, toluene, xylene or mixtures and preparations containing those substances.
 The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Packaging groups	Standard liquid	Max. relative density	Max. vapour pressure, kPa at +50°C
II and III	water	1.9	142
II and III	n-butyl acetate	1.0	114
II and III	white spirit	1.0	114
II and III	acetic acid	1.1	114

Basis for certification: Type Approval with new material

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

Porsgrunn: 14.05.2009

Certificate is valid until: 31.05.2014



Geir Morten Johansen
 Certification Officer



Rune Madsen Fink
 Control Officer

Nordisk Emballasje Testing AS
Certification