



**PRODUCT APPROVAL OF PACKAGING
FOR
TRANSPORTATION OF DANGEROUS GOODS**

CERTIFICATE NO.: NET0407A

Holder of certificate: Promens AS, Kambo Packaging

Manufacturer: Promens AS, Kambo Packaging
Box 3054, (Brevikveien 535)
N-1506 Moss
NORWAY


Product:	Packaging code	Description	Drawings	Material
	3H1	Plastics jerrican with non-removable head	Jerrican, 10 litre, product name: S2, Drawing nr. A1-067-E	Borealis HDPE, BL1481

Closing mechanism:	Closure	Producer	Product name	Material in cap	Gasket	Closing torque
	1 Screw cap	Promens OY, Klaukkala	Drawing. A3-030-E	HDPE, Sabic B5823	Alkozell 200	15 Nm
	2 Screw cap	Promens OY, Klaukkala	Drawing. A3-030-E	HDPE, Sabic B5823	Polycell 300	15 Nm
	3 Screw cap with venting	KTH	V 5104-00	HDPE, Marlex HXM 50100	Procell-E RG 300	15 Nm

Photo:



Dimensions:	Neck size, mm	Packaging weight, g	Volume, litre	Height, mm	Width, mm	Length, mm
	55	453	10	302	195	225

Marking on packaging:  **3H1/Y1.9/150/YR/N/NET0407A - 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.

The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Packaging groups	Standard liquid	Closure	Max. relative density	Max. vapor pressure
II and III	water	1	1.9	142 kPa
II and III	n-butyl acetate	1	1.0	142 kPa
II and III	wetting solution	1	1.2	142 kPa
II and III	white spirit	1	1.0	142 kPa
II and III	nitric acid	2 and 3	1.4	142 kPa

Basis for certification: Replacing SP 11 42 36

Documents based upon for approval:

Report id.	Date	Issued by	Scope
SSGU05003	08.03.2005	Borealis	Type approval
P502042	03.06.2005	SP	Type approval
P601031A	20.04.2006	SP	Additional type approval

Porsgrunn:

06.05.2009

Certificate is valid until:

30.11.2013



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS
Certification