



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

CERTIFICATE NO.: NET0701A

Holder of certificate: Hannells AS

Manufacturer: Hannells AS
Postboks 18 (Titangt. 14)
N-1629 Gamle Fredrikstad
NORWAY


Product:	Packaging code	Description	Drawings	Material
	1H1	Plastics drum with non-removable head	Plastic L-ring drum, 220 litre, AM-2594, 01.17.1995	Borealis HDPE, BL0521

Closing mechanism:	#	Closure type	Producer	Product identification	Material	Gasket	Closing torque
	1	Plastic bung	KTH	69x30mm	PP	O-ring, PE	50 Nm
	2	Plastic bung	KTH	69x30mm, w vent	PP	O-ring, PE	50 Nm
	3	Plastic bung	KTH	57x25mm	PP	O-ring, PE	35 Nm
	4	Plastic bung	Hannells Industrier AB	S70x6 HE4P-2110, 03.07.2002	PP	EPDM / Viton	25 Nm
	5	Plastic bung	Hannells Industrier AB	S56x4 D4P-2512, 25.02.2004	PP	EPDM / Viton	25 Nm
	6	Plastic bung	Hannells Industrier AB	S70x6 with venting A4P-2067, 29.03.2005	PP	EPDM / Viton	25 Nm
	7	Plastic bung	Hannells Industrier AB	S56x4 with 3/4" bung D4P-2525, 29.03.2005	PP	EPDM / Viton	25 Nm

Photo:



Dimensions:	Packaging weight, g	Volume, litre	Height, mm	Diameter, mm
	8500	220	935	581

Marking on packaging:  **1H1/Y1.9/200/YR/N/NET0701A – 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:

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

Closure 70 mm	Closure 57 mm	Packaging groups	Content	Max. relative density	Max. vapour pressure, kPa at +50°C
1,2,4,5	3,5,6,7	II and III	water	1.9	171
1,4	3,5,7	II and III	n-butyl acetate	1.4	171
1,4,5	3,5,6,7	II and III	wetting solution	1.2	142
1,4,5	3,5,6,7	II and III	nitric acid	1.4	142
1,4	3,5,7	II and III	white spirit	1.2	171

Basis for certification: Type approval

Documents based upon for approval:

Report id.	Date	Issued by	Scope
P103547	08.08.2001	SP	Type approval
P103548	08.08.2001	SP	Type approval
P103548A	22.04.2002	SP	Type approval
P203826	17.10.2002	SP	Additional type approval
040255	31.03.2005	TÜV	Type approval
040255 ver.1	03.05.2005	TÜV	Type approval

Porsgrunn:
03.02.2009
Certificate is valid until:
30.11.2013


Geir Morten Johansen
 Certification Officer



Rune Madsen Fink
 Control Officer

Nordisk Emballasje Testing AS
Certification