



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

CERTIFICATE NO.: NET0330A

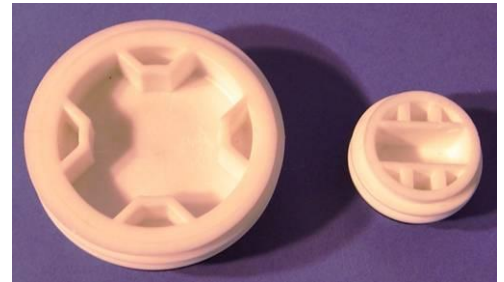
Holder of certificate: Hannells Industrier AB

Manufacturer: Hannells Industrier AB
Box 174
SE-311 22 Falkenberg
SWEDEN


Product:	Packaging code	Description	Drawings	Material
	1H1	Plastics drum with non-removable head	Drum, 217 l, Drawing: F3P-2682	HDPE, details in report

Closing mechanism:	Closure type	Product identification	Material	Gasket	Closing torque
	Screw cap	2 " Bung Drawing: D4P-2508	PP, details in report	EPDM	20 Nm
	Screw cap	¾ " Bung Drawing: D4P-2042	PP, details in report	EPDM	20 Nm

Photo:



Dimensions:	Volume, litre	Packaging weight, kg	Height, mm	Diameter, mm
	217	9.4	964	590

Marking on packaging:  **1H1/Y/250/YR/N/NET0330A – 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.

Compatibility testing has been carried out according to ADR/RID with Promyr® (UN3265) and Proens® (UN2920).

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

Packaging groups	Content/standard liquid	Max. relative density	Max. vapour pressure, kPa at 50°C
II and III	water	1.2	200
II and III	n-butyl-acetate	1.0	200
II and III	wetting agent	1.2	171
II and III	UN3265	1.2	142
II and III	UN2920	1.2	114

Basis for certification: Transfer of approval

Documents based upon for approval:

Report id.	Date	Issued by	Scope
SLRU03074	03.08.2003	Borealis	Type testing
P600007B	20.02.2006	SP	Type testing
P600007A	03.04.2006	SP	Type testing
P600007C	03.04.2006	SP	Type testing
P600007E	06.10.2006	SP	Type testing

Porsgrunn: 03.03.2009

Certificate is valid until: 28.02.2014



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS
Certification