130220

FEDERAL PUBLIC SERVICE MOBILITY AND TRANSPORT
CO-ORDINATION COMMISSION FOR THE TRANSPORT OF DANGEROUS GOODS

CERTIFICATE OF APPROVAL

The packaging of type 3H1 plastic jerrican with a nominal capacity of 30 l (1300g ± 4%),27.5 l (1230g ± 4%),26 l (1185g ± 4%),25 l (1170g ± 4%),22.5 l (1100g ± 4%), 20l (1020g ± 4%) manufactured by AST Kunststoffverarbeitung – Erndtebrück (D) and described in report n° P-86.213, P-86.290, P-86.294 and G-13.073 issued by IBE-BVI is accepted for the transport by land (road and rail), by sea and by air of dangerous goods mentioned in following annex, within the limits prescribed in that annex.

Type-series packagings shall in every way be in conformity with the approved design type described in the above mentioned report and successfully pass all the tests specified in :

- the IMDG-Code, Part 6
- the European ADR-Agreement, Part 6
- the International RID-Regulation, Part 6
- the ICAO Technical Instructions, Part 6.

These packagings shall bear the following identification marking :

UN ***3H1/Y1.9/200/****
B/AST-862604

The identification marking shall be indelible and preferably inscribed on one of the lateral sides of the packaging. The affixing of the marking shall not weaken the strength of the packaging.

(*) The two last digits of the year of manufacture.
Packagings of types 1H and 3H shall also be appropriately marked with the month of manufacture; this may be marked on the packaging in a different place from the remainder of the marking.

The closing devices of the approved packagings shall be in accordance with those described in the report and bear the following identification mark :
KTH61 / HP 61/ mit und ohne Vliesentgassung ,KTH61/ KTH51 / HP51 / RTO51 / HP 61 mit Schutzkappe, Nr. 61 HF, Nr 55 HM, Closure wit incorporated " Auslaufhahn"

If the closing devices are manufactured by subcontractors, the manufacturer to whom the certificate of approval was assigned remains directly responsible for the conformity of the whole packaging.

Any alteration of the above mentioned packaging (including the closing devices) or of it operating conditions implies the automatic cancellation of this certificate.

The Commission reserves at any time the right to invalidate this certificate.

Special requirements :

Tests effectuated with the standard liquids :

. water (Verschluss mit integriertem Auslaufhahn density = 1.2)
- acetic acid 98%
- mixture of hydrocarbons
- n-butylacetate

Annex : 3 pages

Brussels, 19/11/2013

FPS Mobility and Transport

Maritime Transport (IMDG code)

Ing. Patrick Van Lancker
attaché

Road and Rail Transport (ADR, RID)
Airtransport (ICAO-Ti)

Ing. Maxence Wittebolle,
General Manager
Belgium Packaging Institute

Adresses : **AST KUNSTSTOFFVERARBEITUNG GMBH**
MÜHLENWEG 9

D – 57339 ERNDTEBRÜCK

130220

ANNEX TO THE UN CERTIFICATE OF APPROVAL

UN marking

Road and rail transport

3H1/Y1.9/200/*
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Substances accepted for carriage and conditions for packing

Substances of the classes 1,3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2,8 and 9

if allowed by the following section marks of the ADR/RID and under the conditions specified in these section marks :

3.2, 4.1.4 and 4.1.10 (ADR).

3.2, 4.1.4 and 4.1.10 (RID)

Substances are allowed if they are assimilated to a standard liquid - see section mark 6.1.6.2 .

Water		
1	2	3
II	1.9	170
III	1.9	170

Wetting solution		
1	2	3

Acetic acid		
1	2	3
II	1.5	170
III	1.5	170

N-butyl acetate		
1	2	3
II	1.2	140
III	1.2	140

Mixture of hydrocarbons		
1	2	3
II	1.2	140
III	1.2	140

Nitric acid		
1	2	3

1 = packing group; 2 = max. relative density; 3 = max. vapour pressure at 50° C (kPa)

ANNEX TO THE CERTIFICATE OF APPROVAL

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Sea transport

General conditions

- This packaging may only be used for the products for which this packaging is allowed in the IMDG-code and under the conditions specified in that code.

- The product may not attack the packaging (nor the closing devices).

- For products of class 1, the packaging shall also be approved by the

FPS ECONOMY
Direction générale Qualité et Sécurité / Algemene Directie Kwaliteit en Veiligheid
Service Central des Explosifs / Centrale Dienst Springstoffen
North Gate III
Boulevard du Roi Albert II, 16
1000 - BRUSSELS

- The manufacturer must inform the user of the packaging and all persons, responsible for the loading and the stowing of the ship, of the conditions specified in this certificate.

- All accidents or events that may influence the security adversely during loading, during the voyage or during the unloading of the ship, shall reported to Maritime Transport, "scheepvaartcontrole".



ANNEX TO THE CERTIFICATE OF APPROVAL

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Sea transport

Permitted products

- The products of which the chemical compatibility is shown by testing with the following testliquid(s) (ADR 6.1.6) :

Testliquid	density	Pressure during Hydr. test	remark
water	1.9	200	-
solution of hydrocarbons (white spirit)	1.2	150	-
n-butyl acetate	1.2	150	-
nitric acid 55 %	---	---	-
acetic acid 98-100 %	1.5	200	-
wetting agent solution	---	---	-

- The products of which the compatibility is shown by the six months test (IMDG-code, 6.1.5.2.5) or another method recognized by the Maritime Transport, "scheepvaartcontrole".

products : nihil

Federale Overheidsdienst Mobiliteit en Vervoer
Maritiem Vervoer

ANNEX TO THE UN CERTIFICATE OF APPROVAL

*3H1/Y1.9/200/**
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Air Transport

The type of packaging covered by this certificate of approval may be used for the transport by air under following conditions:

- ✈ The type of packaging must be allowed by the appropriate packing instruction as detailed in part 4 of the Technical Instructions.
- ✈ The quantities must never exceed the maximum allowed quantities in the table 3-1 of the Technical Instructions.
- ✈ For combination packagings, the quantities per inner packaging(s) must also not exceed the quantities permitted by the applicable packing instruction.
- ✈ The packaging must comply with the general packing instructions of part 4 chapter 1 and with the packaging specifications of part 6 chapter 1 and 2 of the Technical Instructions.
- ✈ For products of class 1, the package must also be approved by the :

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