

**TYPE APPROVAL OF PACKAGING FOR  
TRANSPORTATION OF DANGEROUS GOODS  
CERTIFICATE NO.: NET9901C**

HOLDER OF CERTIFICATE:

**Mezonic AS**


**MANUFACTURER:**

Martin Munkebo a/s, Fabriksvej 5, DK-7600 Struer, Denmark

**MARKING ON PACKAGING:**

Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high. The packaging shall also be appropriately marked with the month of the manufacture. The period of use permitted for the carriage of dangerous substances shall be five years from the date of manufacture of the drum, except where a shorter period of use is prescribed because of the nature of the substance to be carried.

 **1H2/X400/S/YR/N/NET9901C- ID**

-  : The United Nations symbol
- 1H2 : Plastics drums, removable head
- X400 : Packaging group I, II and III, and maximum relative density of the substance 1.2
- S : Solid substances, see content table
- YR : To be replaced with the year (last two digits) of manufacture
- N : Norway, the state authorizing the allocation of the mark
- NET9901C- ID : Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

**PRODUCT:**

Method of manufacture/ Description
Injection moulded plastic drum with lid performed in HDPE, details in report, tighten with bolts and nuts

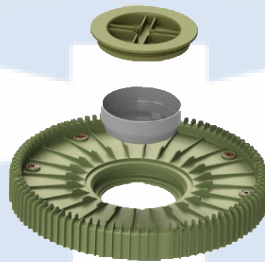


**DIMENSIONS:**

Volume, l	Weight of drum, g	H*Ø top/bottom, mm	Min. thickness, mm	Drawing
190	9850	1047 * 564/516	4.4	MU4039.06-1-5 110415

**CLOSING MECHANISM:**

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Lid with bung, 595 mm	AVK Plast AS	MU4030.06-2-5 170415	HDPE	Silicone svamp	100 NM
2: Bung, 240mm	AVK Plast AS	MU4039.06-3-5 250415	HDPE	O-ring, nitrill	-
3: Strainer	greip plast	MU4039.06-4-5	HDPE	-	-
4: Nut, 8pc	greip plast	MU4039.06-5-5	Nylon	Neoprene celle	-
5: Bolt, 8pc	greip plast	MU4059.06-5-5	Nylon	-	-



**LEGISLATION:**

The certificate is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. To ensure validation of the certificate, check the NET website.

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 2023/4375 PRAX.

NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.

NET issues the certification on described product according to an agreement between Norwegian Civil Aviation Authority (Luftfartstilsynet) - 01.03.18 - 18/00114-8.

**REGULATIONS BASED UPON FOR APPROVAL:**

UN Recommendations on the Transport of Dangerous Goods.

ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID, International Regulations on Transport of Dangerous Goods by Rail.

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.

**TESTS CARRIED OUT:**

Prototype tests performed and approved according to the above regulations:

6.1.5.3 Drop test

6.1.5.6 Stacking test

**APPROVAL IS VALID FOR:**

The packaging is valid for packaging group I, II and III containing solid substances that do not adversely affect the packaging materials.

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

Content	Max. gross weight, kg	Packaging group
Solids	400	I, II & III
Batteries, UN3090, UN3480, P909	235	II & III

UN3291, P621; the drum has been tested with sharp objects such as needles and broken glass and is resistant to puncture	115	II & III
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**DOCUMENTS BASED UPON FOR APPROVAL:**

Report id.	Date	Issued by	Scope
NET9901C	23.03.2018	NET	Type approval
NET9901C2	03.07.2018	NET	Type approval
NET9901C3	13.11.2018	NET	Additional type test, PG I

**VALIDITY:**

The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.

The validity of the type approval assume regular verification by means of periodic audits by NET in accordance with NET Doc 2: "Production control agreement". The packaging shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

**TEST STANDARD:**

All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with ISO17025 approved by Norsk Akkreditering and based upon ISO16495.



BREVIK, NORWAY

**21.11.2023** CERTIFICATE IS VALID UNTIL:

**30.11.2028**



Mathias Werner  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*