



**PRODUCT APPROVAL OF PACKAGING  
FOR TRANSPORTATION OF DANGEROUS GOODS  
CERTIFICATE NO.: NET9701A**

HOLDER OF CERTIFICATE:  
**Muovi-Heljanko OY**

**MANUFACTURER:** Muovi-Heljanko OY, Mustanlähteentie 5, 07230 Monninkylä, Finland

**MARKING ON PACKAGING:**  **3H1/Y1.0/100/YR/N/NET9701A - 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.

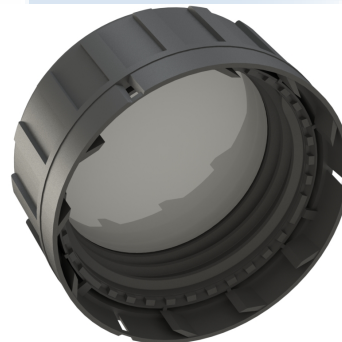
The packaging shall also be appropriately marked with the month of the manufacture.

**PRODUCT:**

| Packaging code          | Description        | Drawings     | Material |
|-------------------------|--------------------|--------------|----------|
| 3H1, Plastics jerricans | non-removable head | W-2785 A     | HDPE     |
| 3H1, Plastics jerricans | non-removable head | W-2784 A     | HDPE     |
| 3H1, Plastics jerricans | non-removable head | 3lcandrawing | HDPE     |

**CLOSING MECHANISM:**

| Closure type               | Producer                 | Drawings | Material  | Gasket  | Torque |
|----------------------------|--------------------------|----------|-----------|---------|--------|
| Child resistant, screw cap | Emballator Växjöplast AB | 12445    | HDPE/HDPE | EPE/PET | 5 Nm   |



**DIMENSIONS:**

| Packaging weight, g | Volume, l | Height, mm | Width, mm | Length, mm | Neck size, mm |
|---------------------|-----------|------------|-----------|------------|---------------|
| 213.3 - 227.2       | 5.0       | 288.5      | 128.0     | 190.0      | 40            |
| 179.4 - 191.0       | 4.0       | 233.0      | 128.0     | 190.0      | 40            |
| 152.3 - 162.2       | 3.0       | 188.0      | 128.0     | 190.0      | 40            |

**APPROVAL:**

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 - 06/6950-7/BJRU.

**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.

**APPROVAL IS VALID FOR:**

The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions. Permeability test has been carried out according to ADR/RID 6.1.5.7. Compatibility testing has been carried out according to ADR/RID 6.1.6.1 with the content listed below:

| Content      | Max. relative density | Max. vapour pressure, kPa at +50°C | Packaging group |
|--------------|-----------------------|------------------------------------|-----------------|
| White spirit | 1.0                   | 114                                | II and III      |

**DOCUMENTS BASED UPON FOR APPROVAL:**

| Report id. | Date       | Issued by | Scope                |
|------------|------------|-----------|----------------------|
| NET9701A   | 26.05.2016 | NET       | Type approval        |
| NE97TE01   | 31.05.2016 | NET       | Technical Evaluation |

**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 and ISO13274.



LERUM, SWEDEN

01.06.2016 CERTIFICATE IS VALID UNTIL:

31.05.2021



Susanne E. Dahlberg  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing AS Certification*

