



भारतीय पैकेजिंग संस्थान
Indian Institute of Packaging

An autonomous body under the Ministry of Commerce & Industry, Govt. of India



07274

UN CERTIFICATE

No. :

Date : 25 Jul 2024

This is to certify that the samples of the packages/packagings as per the following particulars have been tested in accordance with the provisions of the IMDG-CODE, Volume-I for the transportation of the chemicals as specified in the Annexure and have been found to meet the prescribed criteria :-

Name & Address of the Applicant : M/S. ONE PACK SOLUTION
GARIBSHA PIR, BHAVNAGAR-RAJKOT ROAD, GIDC
NO.3,PLOT NO. 11/12, OPP. SACHIDANAD GURUKUL,
SURVEY NO. 330, SIHOR, BHAVNAGAR, 364240,
Gujarat

Name of the Exporter : M/S. MALAYCHEM INDUSTRIES

Application Reference : Covering Letter - 08 May 2024

Description of the Package : 5 PLY LAMINATED CORRUGATED FIBRE BOARD RSC
TYPE BOX (FOR 72 NOS. OF 200 GMS.
CAPACITY TIN CANS)

Date of Manufacture : 08 May 2024

Quantity of the package : 8 nos

Test Report : IIP-AHD/02/05-2425/491

UN Marking allotted : 

Specification of UN Marking : Marking should be legible, durable and readily visible. The marking letters or symbols should have at least 6 mm height (upto 30 Kg) or 12 mm height (above 30 Kg).

This certificate is issued for the transportation of chemicals reflected in the annexure on the basis of the declaration given by the manufacturer regarding the product/package compatibility.

This certificate has been issued pursuant to the approval issued by **Directorate General of Shipping,**

Government of India, and is valid upto 07 Nov 2025

No extension is given for this certificate.



PROFESSOR / ADDITIONAL DIRECTOR / JT. DIRECTOR / DY. DIRECTOR,
AHMEDABAD / MUMBAI / NEW DELHI / KOLKATA / CHENNAI / HYDERABAD

Testing laboratories are authorised by Directorate General of Shipping and Directorate General of Civil Aviation, Govt. of India and ISO / IEC 17025 accredited by NABL

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LABORATORY TEST REPORT

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| | | |
|---|-----------------------|----------------------------|
| Sample Received From : M/s. ONE PACK SOLUTION GARIBSHA PIR, BHAVNAGAR-RAJKOT ROAD, GIDC NO.3,PLOT NO. 11/12, OPP. SACHIDANAD GURUKUL, SURVEY NO. 330, SIHOR, BHAVNAGAR, 364240 Kind Attention : Gujarat Select | Test Report No. : | IIP-AHD/02/05-2425/491 |
| | Date : | 25 Jul 2024 |
| | Customer Ref.No. | - |
| | Customer Ref. Date | Letter dated 08 May 2024 |
| | Certificate Sr.No.(s) | 07274 |
| | Sampling Plan | Sampling done by the party |
| | Test Conditions | 23 °C & 50% RH |
| Sample Description One set (8 nos.) of 5-Ply RSC type Laminated Corrugated Fiber Board boxes. Containing (FOR 72 NOS. OF 200 GMS. CAPACITY TIN CANS). This Combination Packaging is said to be used for Packing of Chemicals reflected in the certificate Mentioned above. For testing purpose each box Containing (FOR 72 NOS. OF 200 GMS. CAPACITY TIN CANS) filled with dummy material. The outer box was closed with BOPP tape "H" manner from the top and bottom. Maximum External Dimension of Box : 530 X 350 X 180 mm Maximum GrossWeight : 16.00 Kg | | |

Tests Results/Observation

Tests done as per: IMDG – CODE, VOLUME I

| Test | Observations | |
|---|--|--|
| | External | Internal |
| 1 Drop Test (Drop height: 0.80 mtrs.) a) 1st box was dropped flat on bottom. b) 2nd box was dropped flat on top. c) 3rd box was dropped on long side. d) 4th box was dropped on short side. e) 5th box was dropped on a corner. | Neither damage to the box nor to the BOPP tape was observed in any of the boxes. | Neither damage to the tin container nor any leakage from any of the containers inside the box. |
| 2 Stack load test (Stacking height: 3.0 mtrs) A superimposed weight was placed on a flat surface resting on the top of the box for a period of 24 hours. The weight was equivalent to the total weight of filled identical boxes which could be stacked on it during the transport. | 2 mm of average deflection was observed, but neither damage to the box nor damage to the BOPP tape was observed. | Neither damage to the tin container nor any leakage from any of the containers inside the box. |

Conclusion : PASSES THE TESTS



TESTED BY



ASST./DY. DIRECTOR


Dr. AMIT SINGLA
Joint Director & Centre Head

AUTHORISED SIGNATORY

This report is for Private use only Not to be used for publicity or Litigation

Testing Laboratories of IIP, Ahmedabad is certified/accredited by ISO 9001:2015 from BIS, ISO 17025:2017 from NABL (vide certificate No.

TC-12857) for specified Tests & Approved by Directorate General of Shipping and Directorate General of Civil Aviation, Govt. of India

Plot No. 1, CFC Building GIDC Apparel Park, Khokhra, Ahmedabad, Gujarat - 380 021

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Head Office: Plot E-2, Road No. B, MIDC Area, Andheri (East), Mumbai 400 093



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LABORATORY TEST REPORT

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A. Dimensions of the Package (based on Party's declaration & drawing)

| | |
|--|---------|
| 1) Internal length (mm) | : 525 |
| 2) Internal width(mm) | : 345 |
| 3) Internal height(mm) | : 170 |
| 4) Bursting Strength (kg/cm ²) | : 15.75 |

General remarks:

- 1) Test report / Annexure do not include the compatibility studies.
- 2) Sampling done and submitted by the party
- 3) The sample description provided in the test report is based on the declaration by the party
- 4) This report pertains to the submitted samples only
- 5) This report is Software Generated and Electronically authenticated. Please scan the QR code to verify the same.

----- End of Test Report -----

TESTED BY

ASST./DY. DIRECTOR

Dr. AMIT SINGLA
Joint Director & Centre Head

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ANNEXURE

Certificate Serial No: 07274
Packing Group: III

Test Report No.: IIP-AHD/02/05-2425/491
Date: 25 Jul 2024

| NAME OF THE CHEMICALS | UN NO. | PACKING INSTRUCTION | CLASS | SUB CLASS | MARINE POLLUTANT | EMS NO. |
|--|--------|---------------------|-------|-----------|------------------|----------|
| FLAMMABLE LIQUID, N.O.S. ALCOHOL BASED CHAFING GEL FUEL | 1993 | P001 | 3 | - | - | F-E, S-E |

General Remarks :

- 1) Test report / Annexure do not include the compatibility studies.
- 2) The chemicals listed in the Annexure is as declared by the exporter/package manufacturer.