

TEST REPORT

NUMBER: LTR24050240E

APPLICANT: Hemway
Unit N1
Gildersome Spur Industrial Estate
Leeds
LS27 7JZ

DATE: 23 January 2025

SAMPLE DESCRIPTION: Hi White Interior Paint Acrylic Matt (11070)
Medium Interior Paint Acrylic Matt (11071)
Transparent Interior Paint Acrylic Matt (11074)
Neutral Exterior Paint Masonry (7532)
White Exterior Paint Masonry (7528)

RETAILER: Not specified

SAMPLE RECEIVED: 30 May 2024

PURCHASE ORDER: None

| TEST REQUEST: | CONCLUSION: |
|---|-------------|
| **Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 23 and Amendment SOR/2022-122 - Toxic elements test | Pass |

Tests marked (^) in this report are included in the scope of accreditation of the sub-contractor who performed the test.
Tests marked (*) in this report are not included in our UKAS scope of accreditation.
Tests marked (**) in this report are not included in the scope of accreditation of the sub-contractor who performed the test.
Opinions, interpretations and comments expressed herein are outside the scope of accreditation.


GEORGE CARTER
Project Manager
Hardlines



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Toxic Elements Analysis

Test Method : Sections 8.3.2, 8.3.3, 8.3.4 and 8.3.5 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17. Acid extraction and analysed by Inductively Coupled Argon Plasma Spectrometry.

| | Result (% w/w) | | | Limit (% w/w) |
|-----------------------|----------------|----------|----------|---------------|
| | (1) | (2) | (3) | |
| Soluble Cadmium (Cd) | <0.0005 | <0.0005 | <0.0005 | 0.100 |
| Soluble Antimony (Sb) | <0.0005 | <0.0005 | <0.0005 | 0.100 |
| Soluble Selenium (Se) | <0.0005 | <0.0005 | <0.0005 | 0.100 |
| Soluble Arsenic (As) | <0.00025 | <0.00025 | <0.00025 | 0.100 |
| Soluble Barium (Ba) | 0.0100 | <0.0005 | <0.0005 | 0.100 |

| | Result(% w/w) | | Limit (% w/w) |
|-----------------------|----------------|----------|---------------|
| | (4) | (5) | |
| Soluble Cadmium (Cd) | <0.0005 | <0.0005 | 0.100 |
| Soluble Antimony (Sb) | <0.0005 | <0.0005 | 0.100 |
| Soluble Selenium (Se) | <0.0005 | <0.0005 | 0.100 |
| Soluble Arsenic (As) | <0.00025 | <0.00025 | 0.100 |
| Soluble Barium (Ba) | <0.0005 | <0.0005 | 0.100 |

The above limit was quoted according to Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 23 and Amendment SOR/2022-122 for prohibition on toxic elements in stickers, films and surface coating materials.

Tested Components:

- (1) White paint (11070 Hi white interior paint acrylic matt).
- (2) White paint (11701 Medium interior paint acrylic matt).
- (3) Ivory paint (11074 Transparent interior paint acrylic matt).
- (4) Ivory paint (7532 Neutral exterior paint masonry).
- (5) White paint (7528 White exterior paint masonry).

Decision Rule:

∞ : Materials are deemed to comply with the requirements if the adjusted analytical result is less than or equal to the limit of this table.

The analytical result of materials shall be adjusted by subtracting the analytical correction in below table to obtain an adjusted analytical of result.

| Elements | Sb | As | Ba | Cd | Cr | Pb | Hg | Se |
|--------------------------|----|----|----|----|----|----|----|----|
| Analytical Correction(%) | 60 | 60 | 30 | 30 | 30 | 30 | 50 | 60 |

Date of Testing: 12–25 June 2024



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END OF REPORT

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