Product Transparency Declaration

PREPARED FOR:
Mitsubishi Plastics Composites America
401 Volvo Parkway, Chesapeake, VA 23320

PREPARED BY:
Mitsubishi Plastics Composites America
10/13/2014

THIS PRODUCT TRANSPARENCY DECLARATION PROVIDES THE FOLLOWING INFORMATION:

1. Product ingredients
2. Ingredients identified as hazards
3. Warning label requirements for finished product
4. Intentionally added heavy metals
5. VOC emissions and VOC content information
6. Recycled content
7. Environmental certifications
This declaration is designed to (1) disclose the known ingredients of this product, as supplied to the purchaser; and (2) provide specifiers, design professionals, building contractors and building occupants with additional information that would be helpful in performing both a health hazard assessment and a health exposure assessment for this product. Additionally, this declaration provides information on VOC emissions from finished building materials and other sustainability/environmental information.

To help specifiers and building owners who care about the health of building occupants determine if there are any health concerns, building material manufacturers should provide information on the ingredients in their products as presented to the market.

### Section A: Product Ingredients

<table>
<thead>
<tr>
<th>Product Ingredients x</th>
<th>CASRN</th>
<th>Products Ingredients Disclosure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
<td><img src="#" alt="Table" /></td>
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<tr>
<td>RecyclLDPE</td>
<td>9002-88-4</td>
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![Table](#)
### Polyolefin

**CAS Number:** 9002-88-4

<table>
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### Titanium Dioxide

**CAS Number:** 13463-67-7

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...Continuation of Section A

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*List known ingredients in this product in descending order based on quantity (% by weight, not volume).

Does product contain RoHS-listed heavy metals\(^2\) added as functional ingredients?:

- Cadmium
  - Yes
  - No
- Hexavalent Chromium
  - Yes
  - No
  - Used as metal pretreat before painting, amounts are 3 parts in 10,000 maximum
- Lead
  - Yes
  - No
- Mercury
  - Yes
  - No

Section B: Required Health Hazard Warnings\(^5\)

Must this product be labeled pursuant to OSHA HCS 2012 or California Prop 65?

<table>
<thead>
<tr>
<th>OSHA HCS 2012</th>
<th>No</th>
<th>Yes (complete below)</th>
</tr>
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**Ingredient Name** | **Signal Word** | **Hazard Statement(s)** | **For prevention statement(s) see SDS or Label located at:**
...Continuation of Section B

<table>
<thead>
<tr>
<th>California Prop 65</th>
<th>No ( )</th>
<th>Yes ( ) (complete below)</th>
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<tr>
<td>Ingredient Name</td>
<td>Warning Language required</td>
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Section C: Product Volatile Organic Compounds (VOC) Emissions/Contents

VOC Emissions: Building material is tested and determined compliant in accordance with following VOC emissions/content standards:


- Yes ( )
- No ( )
- Not Applicable ( )

Total Volatile Organic Compound (TVOC) Emission Levels (in accordance with CDPH V1.1-2010)

- <0.5 mg/m³ ( )
- 0.5 - 5.0 mg/m³ ( )
- >5.0 mg/m³ ( )

CA Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) to Reduce Formaldehyde Emissions from Composite Wood Products

- Yes (specify): [ ] Meets CARB emission limits
  [ ] Meets ultra-low emitting formaldehyde resins
  [ ] Meets no-added formaldehyde based resins

- No ( )
- Exempt ( )
- Not Applicable ( )

SCAQMD Rule 1168 (California South Coast Air Quality Management District Rule 1168 (Table 1) requirements for Adhesive and Sealants)

- Yes ( )
- No ( )
- Not Applicable ( )
- Exempt ( )

SCAQMD Rule 1113 (California South Coast Air Quality Management District Rule 1113 requirements for Architectural Coatings)

- Yes ( )
- No ( )
- Not Applicable ( )
- Exempt ( )

CARB 2007 SCM (California Air Resources Board 2007 Suggested Control Measure for Architectural Coatings)

- Yes ( )
- No ( )
- Not Applicable ( )
- Exempt ( )

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Section D: Recycled Content

Typical recycled content in this product: (% by weight)

Post-Consumer Recycled Materials % 7.40
Pre-Consumer Recycled Materials % 58.40

Section E: Additional Information

Additional Sustainability/Environmental Certifications for this product:

(Environmental Product Declarations, IAQ Certifications, Recycled Content Certifications, etc.)

<table>
<thead>
<tr>
<th>Certification Name</th>
<th>Type and Name of Certifier</th>
<th>Date</th>
<th>Certification Number</th>
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<tbody>
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Section F: Verification and Contact Information

Data Verification:

The information herein is provided in good faith and believed to be accurate as of the issue date shown below. However, no warranty, express or implied, is given.

Name: Richard N. Harford

Signature: [Signature]

Title: Manager Sustainability, KAITEKI

Issue Date: 10/20/2014

Data Verification:

We are not and cannot be responsible for Product Transparency Declarations (PTDs) obtained from any source other than the provider of this sheet (manufacturer, manufacturer representative, etc.) for this specific product. If you have obtained a PTD from another source or if you are not sure that the PTD you have is current, please contact the manufacturer below for the most current version.

Phone: (800) 422-7270

Email: customerservice@alpolic.com
Note:

1 This disclosure provides documentation of (1) ingredients used in a building material, (2) ingredients included in regulatory listings and subject to hazard communication requirements, and (3) hazard warning labeling requirements. It is not an assessment of environmental impacts from the life cycle of this product.

Regulatory requirements are subject to change and may differ between various locations. It is the buyer’s/user’s responsibility to ensure compliance with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for the use of the product are not under the control of the manufacturer, it is the buyer’s/user’s duty to determine the conditions necessary for the safe use of this product.

2 Manufacturer has identified all known ingredients, regardless of hazard, present at a concentration of at least 1.0% (10,000 ppm). Additionally, the manufacturer has identified all ingredients listed on any of the six regulatory references in Footnote #4 below that are known or reported (by a supplier) to be present in a concentration of at least 0.1% (1,000 ppm) or lower concentrations if required by OSHA hazard communications. Manufacturer may rely on MSDS/SDS disclosure from suppliers for known ingredients rather than direct measurement. The four metals selected are based upon RoHS and applied here (see http://ec.europa.eu/environment/waste/rohs_eee /legisl_en.htm).

3 CASRN – Chemical Abstract Services Registration Number

4 Section A: Regulatory references include:

• IARC - International Agency on the Research of Cancer Terminology
  Group 1 - Carcinogenic to Humans
  Group 2A – Probably Carcinogenic to Humans
  Group 2B – Possibly Carcinogenic to Humans

• NTP – National Toxicology Program – Known Human Carcinogen and Reasonably Anticipated Carcinogen
  Source: http://ntp.niehs.nih.gov

• OSHA – Occupational Safety and Health Administration Carcinogen List.
  Source: https://www.osha.gov
  For Ingredient disclosure below 0.1% see the OSHA Hazard Communications as amended by the GHS Revised Standard 2012

• Prop 65 – California Proposition 65 – Known to cause cancer or reproductive toxicity
  Source: http://oehha.ca.gov

• REACH Substances of Very High Concern – Candidate List of Substances of Very High Concern
  Source: http://echa.europa.eu

• USEPA TRI – Toxic Release Inventory – Persistent, bioaccumulative and toxic (PBT) chemicals
  Source: http://www.epa.gov/opa data if available

• In addition to the six lists, the four metals selected for disclosure are based upon RoHS.
  Source: http://ec.europa.eu

5 Section B: Disclose potential exposures (e.g., to construction workers and building occupants) associated with individual ingredients as present in the product if its concentration triggers the notification requirements of these two references:

• Prop 65 – California Proposition 65 – Known to cause cancer or reproductive toxicity
  Source: http://oehha.ca.gov

• OSHA HCS 2012 triggers In the Hazardous Communication Standard.
  Source: https://www.osha.gov

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Note:

6 **Section C:** Disclosure of VOC emissions, as measured by laboratory tests to estimate those reasonably expected during the use phase of this product or by any documented method allowed by the listed regulations. Regulatory references include:

- California Air Toxics Control Board, composite wood products, Source: [http://www.arb.ca.gov](http://www.arb.ca.gov)
- California South Coast Air Quality Management District – Rule 1168, See Table 1. Source: [http://www.arb.ca.gov](http://www.arb.ca.gov)

7 **Section D:** Disclose recycled content following the definitions and instructions in the Guide for Completing the Product Transparency Declaration (PTD)

Source: See definition in ISO 14021

8 **Section E:** Additional Information – see Guide for Completing the Product Transparency Declaration (PTD)