

Product Transparency Declaration¹

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

Manufacturer Name:

Mitsubishi Plastics Composites America

Manufacturer Address:

401 Volvo Parkway

City:

Chesapeake

State:

Virginia

Zip Code:

23320

Product Name:

ALPOLIC fr 4/6mm 10/20/30 yr Exterior Stock Colors

Description:

Aluminum Composite Material (ACM)

Website:

www.alpolic-northamerica.com

CSI Master Format Classification:

07 42 13

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 Ingredients¹

Product Ingredients^{2*}

CASRN³

Products Ingredients Disclosure⁴

Aluminum Trihydrate

26145-51-2

Is the ingredient included on the following lists?

	IARC	NTP	OSHA	Prop 65	REACH SVCH	US EPA TRI PBT
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

Aluminum

7429-90-5

Is the ingredient included on the following lists?

	IARC	NTP	OSHA	Prop 65	REACH SVCH	US EPA TRI PBT
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

...Continuation of Section A

1-Butene, Polymer w/

25087-34-7

Is the ingredient included on the following lists?

	IARC	NTP	OSHA	Prop 65	REACH SVCH	US EPA TRI PBT
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

Copolymer Ethylene +

25213-02-9

Is the ingredient included on the following lists?

	IARC	NTP	OSHA	Prop 65	REACH SVCH	US EPA TRI PBT
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

Titanium Dioxide

13463-67-7

Is the ingredient included on the following lists?

	IARC	NTP	OSHA	Prop 65	REACH SVCH	US EPA TRI PBT
Yes	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

Is the ingredient included on the following lists?

	IARC	NTP	OSHA	Prop 65	REACH SVCH	US EPA TRI PBT
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Is the ingredient included on the following lists?

	IARC	NTP	OSHA	Prop 65	REACH SVCH	US EPA TRI PBT
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Is the ingredient included on the following lists?

	IARC	NTP	OSHA	Prop 65	REACH SVCH	US EPA TRI PBT
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

...Continuation of Section A

		Is the ingredient included on the following lists?
		IARC NTP OSHA Prop 65 REACH SVCH US EPA TRI PBT
		Yes <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
		No <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>

		Is the ingredient included on the following lists?
		IARC NTP OSHA Prop 65 REACH SVCH US EPA TRI PBT
		Yes <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
		No <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>

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

Does product contain RoHS-listed heavy metals² added as functional ingredients?:

	Yes	No	
Cadmium	<input type="radio"/>	<input checked="" type="radio"/>	
Hexavalent Chromium	<input checked="" type="radio"/>	<input type="radio"/>	Used as metal pretreat before painting, amounts are 3 parts in 10,000 maximum
Lead	<input type="radio"/>	<input checked="" type="radio"/>	
Mercury	<input type="radio"/>	<input checked="" type="radio"/>	

Section B: Required Health Hazard Warnings⁵

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

OSHA HCS 2012	No <input checked="" type="radio"/>	Yes <input type="radio"/> (complete below)	
Ingredient Name	Signal Word	Hazard Statement(s)	For prevention statement(s) see SDS or Label located at:
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

...Continuation of Section B

California Prop 65	No <input checked="" type="radio"/>	Yes <input type="radio"/> (complete below)
Ingredient Name	Warning language required	
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	

Section C: Product Volatile Organic Compounds (VOC) Emissions/Contents⁶

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

California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Chemical Emissions from Indoor Sources using Environmental Chambers V 1.1 (Feb. 2010)

- 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

Section D: Recycled Content⁷

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

Post-Consumer Recycled Materials %	<input type="text" value="4.40"/>	Pre-Consumer Recycled Materials %	<input type="text" value="22.70"/>	4mm
	<input type="text" value="3.10"/>		<input type="text" value="15.90"/>	6mm

Section E: Additional Information

Additional Sustainability/Environmental Certifications for this product:

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

Certification Name	Type and Name of Certifier	Date	Certification Number
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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:

Title:

Signature:

Issue Date:

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:

Email:

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/legis_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
Source: <http://monographs.iarc.fr> with the current list at: <http://monographs.iarc.fr>
- 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
<https://www.osha.gov> or <https://www.osha.gov>
- 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> 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>

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 Department of Public Health, Standard Method for the Testing and Evaluation of Volatile Chemical Emissions from Indoor Sources using Environmental Chambers V 1.1-(Feb. 2010) Source: <http://www.calrecycle.ca.gov>
- California Air Toxics Control Board, composite wood products, Source: <http://www.arb.ca.gov>
- California South Coast Air Quality Management District – Rule 1168, See Table 1. Source: <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)