



**MITSUBISHI
CHEMICAL**

**ALPOLIC
Division**

Occupant Exposure Screening Report (OESR)

**CREATED IN ACCORDANCE WITH AND MEETS THE
REQUIREMENTS OF ASTM E3182.**

PREPARED FOR:

Mitsubishi Chemical America, ALPOLIC Division
401 Volvo Parkway, Chesapeake, VA 23320

PREPARED BY:

Mitsubishi Chemical America, ALPOLIC Division
09/22/2022

Product Name:

ALPOLIC fr 4/6 mm 10/20/30 year Exterior Stock Colors Aluminum Composite Material (ACM)

Manufacturer Name:

Mitsubishi Chemical America, ALPOLIC Division

Manufacturer Address:

401 Volvo Parkway

City:

Chesapeake

Zip Code:

23320

Website:

www.alpolic-americas.com

State:

Virginia



Section 1: Building Product Name, Description, Form

Product Name (Description, Use in Occupied Building)	Composition Specified by Standard?	Product Form as Installed in Occupied Building	Product as Delivered to Building Site	Production Location in Occupied Building
Aluminum Composite Material	No	Solid Panel	Same form as installed in occupied building.	Exterior façade Interior wall

CSI Master Format Number: 07 42 13

Section 2: Product Composition as Installed in Occupied Building

Product Form as Installed in Occupied Building	Substance Names	Substance ID (CAS)	Substance Concentration or Range	Hazard Classification and Category (GHS)	Installed Product Contains Substances Meeting GHS Category 1 (1A or 1B)?
			% by mass Actual ___% or Range:		
Solid	Aluminum Trihydrate	26145-51-2	10% to 100%	Not Classified	No
Solid	Aluminum	7429-90-5	10% to 100%	Not Classified	No
Solid	1-Butene, Polymer w/Ethene	25087-34-7	10% to 100%	Not Classified	No
Solid	Copolymer Ethylene + Octene-1	25213-02-9	1% to 10%	Not Classified	No
Solid	Titanium Dioxide	13463-67-1	.1% to 1.0%	Carcinogenicity, Category 2	No

Section 3: Likelihood for Human Exposure – Encapsulation

Substance Name	Substance Concentration or Range	Encapsulated in			Rational for Low Concern
		Section	Product as Delivered	Product in Occupied Building	
Aluminum Metal Composite Material	100%	7.1.1	Yes	Yes	Building product meets definition of encapsulation

Section 4: Product Volatile Organic Compound (VOC) Emissions in Installed Building Product

Does Product Contain a VOC	VOC Status	Additional Information Test Method, etc.
Yes	✓ VOC in product is below its <i>no significant risk level</i> (3.2.8)	CPDH v1.2

Section 5: Product Total Volatile Organic Carbon (VOC) Emissions

Applicable to Product?	Total VOC	Additional Information Test Method etc.
Yes	✓ Less than 0.5 mg/m ³	CPDH v1.2



Section 6: Formaldehyde in Certain Wood Products

Applicable to Product?	Installed Building Products Containing Hardwood Plywood, Medium Density Fiberboard, or Particleboard
No	✓ Not Applicable or exempt product

Section 7: Adhesives and Sealants

Applicable to Product?	CA South Coast Air Quality Management District Rule 1168
No	✓ Not applicable or exempt product

Section 8: Architectural Coatings

Applicable to Product?	CA South Coast Air Quality Management District Rule 1113?
Yes	✓ Meets emissions limits

Section 9: Recycled Content

Typical recycled content in this product (% by weight)

Post-Consumer Recycled Materials %		Pre-Consumer Recycled Materials %	
4 mm	4.40%	4 mm	22.70%
6 mm	3.1%	6 mm	15.9%

Section 11: Verification and Contact Information

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

Company Name: Mitsubishi Chemical America, ALPOLIC Division

Address: 401 Volvo Parkway Chesapeake, VA 23320

Authorized Representative: Rick Harford

Title: Manager, Sustainability and KAITEKI

Signature:

Issue Date of OESR: 9/22/22

Note: Revision date is due five years from issue date.

Contact Name: Technical Services

Phone: 800-422-7270

Email: technicalservices@alpolic.com

Website: www.alpolic-americas.com

Note: The above signed provider is not responsible for a product OESR provided by any source other than the company verifying this OESR. If you have obtained an OESR from another source or if you are not sure if the OESR is current, contact us for the most current version.