

1. PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product Identifier** RhinoBond PVC Plate
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**
Device for roofing products applications.
- 1.3 Manufacturer and Supplier of the Safety Data Sheet**
OMG, Inc.
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2. HAZARDS IDENTIFICATION

This product is an *Article* as defined in Regulation (EC) 272/2008, Article 2, ¶9. As such, neither a *Safety Data Sheet (SDS)* nor an EU-compliant label is required for this product. This *SDS* is provided to our customers as a courtesy.

2.1 Classifications per Regulation (EC) 272/2008: None applicable

2.2 Label Elements

Symbol(s): None applicable
Signal Word(s): None applicable
Hazard Statement(s): None applicable
Precautionary Statement(s): None applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>EC No.</u>	<u>Percentage</u>	<u>Classifications</u>
Aluminium (REACH Registration 01-2119529243-45)	7429-90-5	231-072-3	Not applicable	None applicable to the component in this form
Iron (REACH Registration 01-2119462838-24)	7439-89-6	231-096-4	Not applicable	None applicable to the component in this form
Manganese (REACH Registration 01-2119449803-34)	7439-96-5	231-105-1	Not applicable	None applicable to the component in this form
Zinc (REACH Registration 01-2119467174-37)	7440-66-6	231-175-3	Not applicable	None applicable to the component in this form

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

General information: No first aid measures are foreseeable for the product's anticipated uses.
Following eye contact: None applicable.
Following skin contact: None applicable.

4. FIRST AID MEASURES (continued)

Following ingestion: None applicable.

Following inhalation: None applicable.

4.2 Most Important Symptoms and Effects (Acute and Delayed)

None are reasonably foreseeable.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

None applicable.

5. FIREFIGHTING MEASURES

5.1 Extinguishing Media Not applicable.

5.2 Special Hazards Arising from the Product None are reasonably foreseeable.

5.3 Advice for Fire-fighters None applicable.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures None applicable.

6.2 Environmental Precautions None applicable.

6.3 Methods and Material for Containment and Cleanup Not applicable.

6.4 Reference to Other Sections Not applicable.

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling None applicable.

7.2 Conditions for Safe Storage None applicable.

7.3 Specific End Uses Device for roofing applications.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control Parameters:	<u>Ingredient</u>	<u>Occupational Exposure Limits</u>
	Aluminium	None applicable to this ingredient in solid form
	Iron	None applicable to this ingredient in solid form
	Manganese	None applicable to this ingredient in solid form
	Zinc	None applicable to this ingredient in solid form

<u>Ingredient</u>	<u>Biological Limits</u>
Aluminium	No Biologic Limit Values for any EU Member Country
Iron	No Biologic Limit Values for any EU Member Country
Manganese	No Biologic Limit Values for any EU Member Country
Zinc	No Biologic Limit Values for any EU Member Country

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (continued)

8.2 Exposure Controls

- 8.2.1 Engineering Controls** None applicable under anticipated conditions of use.
- 8.2.2 Individual Protection Measures** None applicable under anticipated conditions of use.
- 8.2.3 Environmental Exposure Controls** None applicable under anticipated conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: alloy structure	Lower/Upper Explosive Limits: not applicable
Odour: none	Vapour pressure: not applicable
Odour threshold: not applicable	Vapour density: not applicable
pH: not applicable	Evaporation Rate: not applicable
Melting point: not determined	VOCs (per USEPA Method 24): not applicable
Freezing point: not applicable	Relative density (H ₂ O): not determined
Boiling point: not applicable	Solubility (H ₂ O): insoluble
Boiling range: not applicable	Octanol-water partition coefficient: not applicable
Flash Point: not applicable	Decomposition temperature: no data available
Autoignition Point: not applicable	Explosive properties: not explosive
Viscosity: not applicable	Oxidising properties: not oxidising

10. STABILITY AND REACTIVITY

- 10.1 Reactivity** Not chemically reactive in anticipated manner of use.
- 10.2 Chemical Stability** Stable
- 10.3 Possibility of Hazardous Reactions** Aluminium and zinc in contact with strong acids may generate hydrogen gas.
- 10.4 Conditions to Avoid** None reasonably foreseeable.
- 10.5 Incompatible Materials** Ammonium nitrate; bromates; chlorates; iodates; azides; antimony trichloride; arsenic trichloride; halogens; lead oxide; peroxides; carbon disulfide; carbon tetrachloride; halogenated hydrocarbons; chromic anhydride; copper oxide; diborane; performic acid; phosgene; silver chloride; carbides; nitrogen dioxide; nitric acid; phosphorus; sulphur dioxide; lithium; barium dioxide; barium nitrate; hydrazine mononitrate; hydroxylamine; selenium.
- 10.6 Potential Decomposition By-products** None reasonably foreseeable

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects of Ingredients

- 11.1.1 Aluminium** In its form as a solid article, no relevant data is available for acute toxicity, skin corrosion/skin irritation, serious eye damage/eye irritation, skin sensitisation, respiratory sensitisation, carcinogenicity, germ cell mutagenicity, reproductive toxicity, specific target organ toxicity (single exposure), specific target organ toxicity (repeated exposure), or aspiration toxicity.

11. TOXICOLOGICAL INFORMATION (continued)

11.1.2 Iron In its form as a solid article, no relevant data is available for acute toxicity, skin corrosion/skin irritation, serious eye damage/eye irritation, skin sensitisation, respiratory sensitisation, carcinogenicity, germ cell mutagenicity, reproductive toxicity, specific target organ toxicity (single exposure), specific target organ toxicity (repeated exposure), or aspiration toxicity.

11.1.3 Manganese In its form as a solid article, no relevant data is available for acute toxicity, skin corrosion/skin irritation, serious eye damage/eye irritation, skin sensitisation, respiratory sensitisation, carcinogenicity, germ cell mutagenicity, reproductive toxicity, specific target organ toxicity (single exposure), specific target organ toxicity (repeated exposure), or aspiration toxicity.

11.1.4 Zinc In its form as a solid article, no relevant data is available for acute toxicity, skin corrosion/skin irritation, serious eye damage/eye irritation, skin sensitisation, respiratory sensitisation, carcinogenicity, germ cell mutagenicity, reproductive toxicity, specific target organ toxicity (single exposure), specific target organ toxicity (repeated exposure), or aspiration toxicity.

11.2 Information on Toxicological Effects of the Product

11.2.1 Acute Toxicity Estimates No data available.

11.2.2 Interactive Effects of Ingredients No data available.

12. ECOLOGICAL INFORMATION

12.1 Information on Ecological Effects of Ingredients

12.1.1 Toxicity

No relevant data is available for any ingredient of this product with respect to Acute Aquatic Toxicity to Fish, Crustacea, Plants, or Microorganisms, Chronic Aquatic Toxicity to Fish, Crustacea, Plants, or Microorganisms, or Toxicity to Terrestrial Organisms or Plants.

12.1.2 Persistence and Degradability

No data is available for any ingredient of this product.

12.1.3 Bioaccumulative Potential

No data is available for any ingredient of this product.

12.1.4 Mobility in Soil

No data is available for any ingredient of this product.

12.2 Results of PBT and vPvB Assessment

No ingredients of this product meet the criteria for classification as PBT or vPvB.

12.3 Other Adverse Effects

This product neither contains nor is manufactured with any chemicals known to deplete the ozone layer.

13. DISPOSAL CONSIDERATIONS

- 13.1 Waste Treatment Methods** Not applicable; dispose of as nonhazardous waste.
13.2 Sewage Disposal Not applicable
13.3 Personal Protective Equipment None applicable under anticipated conditions of use.

14. TRANSPORTATION INFORMATION

Transport is not regulated under the International Carriage of Dangerous Goods by Road (ADR), International Carriage of Dangerous Goods by Rail (RID), International Carriage of Dangerous Goods by Inland Waterway (ADN), Instructions for the Safe Transport of Dangerous Goods by Air (ICAO), or International Maritime Dangerous Goods Code (IMDG).

15. REGULATORY INFORMATION

15.1 Safety, Health, and Environmental Regulations Specific for the Product

- 15.1.1 EU Regulations:** EU Directive 96/82 ED (Seveso II Directive, 2003): not applicable
15.1.2 Authorizations: None applicable.
15.1.3 Restrictions: None applicable.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this product by the manufacturer/supplier.

15.3 Substances of Very High Concern

This product contains no ingredients at concentrations $\geq 0.1\%$ that are classified as a *Substance of Very High Concern (SVHC)* by the European Chemicals Agency.

16. OTHER INFORMATION

16.1 Publication/Revision Information

Publication date: 22 June 2017
Date of prior SDS: Not applicable

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