

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **RhinoBond TPO Plate**

Supplier: OMG, Inc.
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Product Use(s): Device for roofing products applications

2. HAZARDS IDENTIFICATION

This product is an *Article* as per OSHA *Hazard Communication* regulations (29CFR 1910.1200) or *Manufactured Article* as per Canada's *Hazardous Products Act* (RSC 1985, c. H-3, as amended). As such, neither a *Safety Data Sheet (SDS)* nor a GHS-compliant label is required for this product. This *SDS* is provided to our customers as a courtesy.

Classification(s): GHS Physical Hazard and Health Hazard Classifications: None applicable
Physical Hazards Not Otherwise Classified: None
Health Hazards Not Otherwise Classified: None

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>Percentage</u>	<u>Impurities</u>
Aluminum	7429-90-5	Not Applicable	None known
Chromic Chromate	24613-89-6	Not Applicable	None known
Epoxy Resin	Not Applicable	Not Applicable	None known
Iron	7440-50-8	Not Applicable	None known
Manganese	7439-96-5	Not Applicable	None known
Phenolic Resin	Not Applicable	Not Applicable	None known
Zinc	7440-66-6	Not Applicable	None known

4. FIRST AID MEASURES

Eyes: Not applicable.
 Skin: Not applicable.
 Ingestion: Not applicable.
 Inhalation: Not applicable.
 Guidance for Physician or Poison Control Center: Not applicable.

5. FIRE FIGHTING MEASURES

Extinguishing Media: None applicable.
 Fire and Explosion Hazards: In the form of a solid article, this product will not burn.
 Firefighting Instructions: None applicable.

6. ACCIDENTAL RELEASE MEASURES

Methods and Materials: None applicable.
 Personal Precautions: None applicable.
 Environmental Precautions: None applicable.

7. HANDLING AND STORAGE

Handling Precautions: None applicable.
 Work and Hygiene Practices: None applicable.
 Storage Precautions: None applicable.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredients Exposure Limits:	<u>Ingredients</u>	<u>OSHA PEL(s)</u>	<u>ACGIH TLV(s)</u>
	Aluminum, Chromic Chromate, Epoxy Resin, Iron, Manganese, Phenolic Resin, Zinc	Not applicable to this form of product	Not applicable to this form of product

Ingredients Biological Limits:	<u>Ingredients</u>	<u>Biological Limits</u>
	Aluminum, Chromic Chromate, Epoxy Resin, Iron, Manganese, Phenolic Resin, Zinc	Not applicable to this form of product

Engineering Controls: None applicable under anticipated conditions of use.
 Eye/Face Protection: None applicable under anticipated conditions of use.
 Skin Protection: None applicable under anticipated conditions of use.

Respiratory Protection: None applicable under anticipated conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: alloy/polymer structures	Upper Explosive Limit: not applicable
Odor: none	Vapor pressure: not applicable
Odor threshold: not applicable	Vapor density: not applicable
pH: not applicable	Evaporation Rate: not applicable
Melting point: not determined	Percent volatile: not applicable
Freezing point: not applicable	Relative density (H ₂ O): not determined
Boiling point: not applicable	Bulk density: no data
Boiling range: not applicable	Solubility (H ₂ O): insoluble
Flash Point: not applicable	Oil-water partition coefficient: not applicable
Autoignition Point: not applicable	Decomposition temperature: no data
Flammability Class: not applicable	Viscosity: not applicable
Lower Explosive Limit: not applicable	Pour Point: not applicable

10. STABILITY AND REACTIVITY

Stability:	Stable
Reactivity:	Not chemically reactive in anticipated manner of use.
Hazardous Polymerization:	Will not occur
Risk of Dangerous Reactions:	Aluminum and zinc in contact with strong acids may generate hydrogen gas.
Conditions to Avoid:	None reasonably foreseeable
Incompatible Materials:	Ammonium nitrate; peroxides; lithium; nitric oxide; chlorates; sulfur dioxide; halogens; chlorine trifluoride; nitrogen dioxide; sulfur; carbides; hydrazine; nitric acid; hydrazoic acid; dioxane; selenium; performic acid; phosphorus; titanium plus potassium perchlorate.
Potential Decomposition Byproducts:	None reasonably foreseeable

11. TOXICOLOGICAL INFORMATION

<u>Ingredients Toxicology Data</u>	<u>LD₅₀ Oral</u>	<u>LD₅₀ Dermal</u>	<u>LC₅₀</u>
Aluminum, Chromic Chromate, Epoxy Resin, Iron, Manganese, Phenolic Resin, Zinc	Not applicable to this form of product	Not applicable to this form of product	Not applicable to this form of product
Primary Route(s) of Entry:	None applicable.		
Eye Hazards:	None applicable.		
Skin Hazards:	None applicable.		
Ingestion Hazards:	None applicable.		

Inhalation Hazards: None applicable.

Symptoms Related to Overexposure: None applicable.

11. TOXICOLOGICAL INFORMATION (continued)

Delayed Effects from Long Term Overexposure: None applicable.

Carcinogenicity: Chromic chromate is classified as a carcinogen by IARC ("1", carcinogenic to humans), NTP ("K", known to be a human carcinogen), and ACGIH ("A1", confirmed human carcinogen). Inhalation exposure to chromic chromate as dust or fume is implausible under the anticipated conditions of the products' use.

Germ Cell Mutagenicity: Not applicable.

Reproductive Toxicity: Not applicable.

Acute Toxicity Estimates: None applicable.

Interactive effects of components: Not applicable.

12. ECOLOGICAL INFORMATION

No data available for Aquatic Toxicity to Fish, Invertebrates, Plants, or Microorganisms, Toxicity to Terrestrial Animals, Toxicity to Terrestrial Plants, Persistence and Biodegradability, Bioaccumulation Potential, or Mobility in Soil. This product contains no ingredients known to deplete the ozone layer.

13. DISPOSAL CONSIDERATIONS

Dispose of as nonhazardous waste.

14. TRANSPORTATION INFORMATION

Not applicable.

15. REGULATORY INFORMATION

United States Regulatory Information

None applicable to the form of product.

Canadian Regulatory Information

None applicable to the form of product.

California Proposition 65 Information

This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

16. OTHER INFORMATION

Hazardous Materials Information System (HMIS III) Ratings: Not applicable to the form of product.

Personal Protective Equipment: None required under anticipated conditions of use.

16. OTHER INFORMATION (continued)

National Fire Protection Association (NFPA) Ratings: Not applicable to the form of product.

Revision Information: Publication Date: 22 June 2017
Date of Prior SDS: not applicable

DISCLAIMER

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