

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **OMG Roofing Product Fasteners** (#12 Standard RoofGrip, #12 Standard RoofGrip Hex Head, Heavy Duty #14 Roofing Fastener, Extra Heavy Duty #15 Roofing Fastener (XHD), Super Extra Heavy Duty Roofing Fastener, RetroDriller Fastener, CD-10, Fluted Nail, Purlin Fastener, Lite-Deck Fastener, CR Base Sheet Fastener, Stainless Steel Roofing Fastener, OlyLok Locking Impact Nail, Masonry Anchor, Polymer GypTec Fastener, ASAP Fastener, OMG X-Wing; HeadLOK, WX Steel Deck Fastener, WBT Concrete Fastener, WO Timber Deck Fastener)

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Product Use(s): Devices 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

All Products Listed Except Polymer GypTec Fastener

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percentage</u>	<u>Impurities</u>
Iron	7440-50-8	91 – 99	None known
Chromium	7440-47-3	<1 - 2	None known
Manganese	7439-96-5	<1 – 2	None known

Nickel	7440-02-0	<1 - 2	None known
Silicon	7440-21-3	<1 - 2	None known

Polymer GypTec Fastener

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percentage</u>	<u>Impurities</u>
Glass Fiber	65997-17-3	Not determined	None known
Polyamide 66	32131-17-2	Not determined	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:	CO ₂ , dry chemical or chemical foam for <i>Polymer GypTecFastener</i> . Not applicable to other products.
Fire and Explosion Hazards:	Products that are alloys will not burn. The <i>Polymer GypTec Fastener</i> may ignite if exposed to a source of ignition above 824°F./440°C. Combustion byproducts may include ammonia, carbon monoxide, aldehydes, organic acids, and nitrogen oxides.
Firefighting Instructions:	No special firefighting measures are required.

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>
	Chromium, Iron, Manganese, Nickel, Silicon	Not applicable to this form of product	Not applicable to this form of product

Ingredients Biological Limits:	<u>Ingredients</u>	<u>Biological Limits</u>
	Chromium, Iron, Manganese, Nickel, Silicon	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: formed 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: >480 °F./250 °C.	Percent volatile: not applicable
Freezing point: not applicable	Relative density (H ₂ O): 1.4 – 8.0
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:	None reasonably foreseeable
Conditions to Avoid:	None reasonably foreseeable
Incompatible Materials:	Ammonium nitrate; peroxides; lithium; nitric oxide; chlorates; sulfur dioxide; halogens; chlorine trifluoride; nitrogen dioxide; sulfur; carbides; nitric acid; hydrazine;

lithium; hydrazoic acid; dioxane; selenium; performic acid; phosphorus; titanium plus potassium perchlorate.

Potential Decomposition Byproducts: For alloys, none are reasonably foreseeable. For the *Polymer GypTec Fastener*, ammonia, CO, organic acids, aldehydes, and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

<u>Ingredients Toxicology Data</u>	<u>LD₅₀ Oral</u>	<u>LD₅₀ Dermal</u>	<u>LC₅₀</u>
Chromium, Iron, Manganese, Nickel, Silicon	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.		
Delayed Effects from Long Term Overexposure:	None applicable.		

11. TOXICOLOGICAL INFORMATION (continued)

Carcinogenicity:	Nickel is classified as a potential human carcinogen by IARC ("2b", possibly carcinogenic to humans) and NTP ("R", reasonably anticipated to be a human carcinogen). ACGIH, by contrast, classifies <i>nickel metal</i> as "A5" (not suspected as a human carcinogen). Exposure to nickel 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

These products (except *Polymer GypTec Fastener*) contain nickel which is known to the State of California to cause cancer. However, the nickel in this product is bound within the steel alloy of this product and no exposure can occur. Prop 65 warnings are not required for stainless and other specialty steels under typical use scenarios. The available science and Prop 65 enforcement action precedent show that any potential exposures are minimal and do not rise to the level that would require a warning. For more information go to www.P65Warnings.ca.gov.

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.

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

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