

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: **FastenMaster Fasteners** (Gutter Screw, TrapEase Composite Wood Deck Screws, TimberLOK Structural Wood Screw, LedgerLOK Structural Wood Screw, **HeadLOK Structural Wood Screw**, TrussLOK Structural Wood Screw, TrussLOK-Z Structural Wood Screw, ThruLOK Structural Wood Screw, FlatLOK Structural Wood Screw, Cortex Hidden Fastening System for Decking, Cortex Hidden Fastening System for PVC Trim, GuardDog Exterior Wood Screw, TrimTop Stainless Steel Trim Screw, **LogHog** Heavy Duty Log Home Fastener, LogBoss Heavy Duty Log Home Fastener, **OlyLog Log Home Fastener**, TRIO Deck Screw, FrameFAST, PAMTite, FLEX 40, FLEX 180, PAMFast AutoFeed Deck Screw, AutoFeed Subfloor Screw, AutoFeed Drywall screw, and AutoFeed Metal Drillers, Tiger Claw Hidden Deck Clip, TC-G Hidden Deck Clip, TC-1 Hidden Deck Clip, TC-2 Hidden Deck Clip, TC-3 Hidden Deck Clip, TC-4 Hidden Deck Clip, VersaClip Hidden Deck Clip, CONCEALoc Hidden Deck Clip, and FUSIONLoc Collated Hidden 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**

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

**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 alloy, 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**

<u>Ingredients Exposure Limits:</u>	<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

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (continued)**

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 alloy 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: >2,730 °F./1,500 °C.	Percent volatile: not applicable
Freezing point: not applicable	Relative density (H <sub>2</sub> O): 7.5 – 8.0
Boiling point: not applicable	Bulk density: no data
Boiling range: not applicable	Solubility (H <sub>2</sub> 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:	None reasonably foreseeable

**11. TOXICOLOGICAL INFORMATION**

<u>Ingredients Toxicology Data</u>	<u>LD<sub>50</sub> Oral</u>	<u>LD<sub>50</sub> Dermal</u>	<u>LC<sub>50</sub></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.		
Carcinogenicity:	Nickel is classified as a potential human carcinogen by IARC ("2b", possibly carcinogenic to humans) and NTP ("K", known 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 contain a chemical known to the State of California to cause cancer.

**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.

Revision Information: Publication Date: 26 June 2017  
Date of Prior SDS: not applicable

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