



## Zinc Expanded Flange Safety Data Sheet

### Section 1: Identification of the Product and the Manufacturer

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**Product form:** Zinc Expanded Flange  
**Substance name:** Zinc Expanded Flange  
**Synonyms:** Zinc Flange

#### Manufacturer

Stockton Products Phone: 1-877-862-5866  
4675 Vandenberg Drive Fax: 1-702-651-1303  
N. Las Vegas, NV 89081

#### Emergency Telephone Number

1-877-862-5866

### Section 2: Hazards identification

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**Classification of the substance or mixture:** Finished steel product  
**Signal Word:** **None**  
**Hazard Statements:** *When used as designed, this product poses no safety or health hazards.*  
This item is considered an 'article' under 29 CFR 1910.1200 and is not classified as a hazardous chemical under OSHA regulations.  
**Precautionary Statements:** **None required.** Use product as designed.

### Section 3: Composition/information on ingredients

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Chemical Name	Amount	CAS Number
Iron	95-98%	7439-89-6
Zinc	2-5%	7440-66-6
Chrome	0.1%	7440-47-3
Nickel	0.1%	7440-02-0

### Section 4: First aid measures

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**First-aid measures general:** When product is used as designed, first aid should not be necessary.  
**First-aid measures after inhalation:** Not likely to be inhaled.  
**First-aid measures after skin contact:** Not likely.  
**First-aid measures after eye contact:** May irritate eyes if welding or grinding. Seek medical attention if irritation persists.  
**First-aid measures after ingestion:** Product is not edible.



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### Most important symptoms and effects, both acute and delayed

<i>Eyes:</i>	When product is used as designed, eye irritation unlikely.
<i>Skin:</i>	When product is used as designed, skin irritation unlikely.
<i>Inhalation:</i>	Solid material, not respirable.
<i>Chronic Effects:</i>	None

### Section 5: Firefighting measures

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#### Extinguishing media

<i>Suitable extinguishing media:</i>	This product is nonflammable.
<i>Unsuitable extinguishing media:</i>	None

#### Special hazards arising from the substance or mixture

<i>Fire hazard:</i>	None
<i>Explosion hazard:</i>	None
<i>Reactivity:</i>	None

#### Advice for firefighters

<i>Firefighting instructions:</i>	None
<i>Protection during firefighting:</i>	None

### Section 6: Accidental release measures

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#### Personal precautions, protective equipment and emergency procedures

<i>General measures:</i>	Use product as designed
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#### For non-emergency personnel

<i>Protective equipment:</i>	Impervious gloves when handling
<i>Emergency procedures:</i>	None

#### For emergency responders

<i>Protective equipment:</i>	None
<i>Emergency procedures:</i>	None

#### Environmental precautions

<i>Spill or Leak procedures:</i>	N/A
<i>Waste Disposal Methods:</i>	Used or unused product should be tested to determine hazard status and disposal requirements under federal, state and local laws.

#### Methods for containment/clean up

Solid material, containment and clean up not necessary.



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### Section 7: Handling and storage

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#### Precautions for safe handling

<i>Shelf Life:</i>	N/A
<i>Additional hazards when processed:</i>	N/A
<i>Precautions for safe handling:</i>	Wear gloves to protect from edges
<i>Storage conditions:</i>	N/A

### Section 8: Exposure controls/personal protection

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<i>Engineering Controls:</i>	None required.
<i>Eye/Face Protection Requirements:</i>	Not required.
<i>Skin Protection Requirements:</i>	Gloves if desired.
<i>Respiratory Protection Requirements:</i>	None

### Section 9: Physical and chemical properties

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#### Information on basic physical and chemical properties

<i>Physical state:</i>	Solid
<i>Appearance:</i>	Shiny, silvery, metallic luster
<i>Odor:</i>	None
<i>pH:</i>	N/A
<i>Melting point:</i>	2800 degrees F
<i>Freezing point:</i>	N/A
<i>Boiling point:</i>	N/A
<i>Flash point:</i>	N/A
<i>UEL:</i>	N/A
<i>LEL:</i>	N/A
<i>Vapor pressure:</i>	N/A
<i>Relative vapor density at 20 °C:</i>	N/A
<i>Solubility:</i>	N/A
<i>%Volatiles:</i>	N/A
<i>VOC:</i>	N/A

### Section 10: Stability and reactivity

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<i>Reactivity:</i>	N/A
<i>Chemical stability:</i>	N/A
<i>Possibility of hazardous reactions:</i>	None
<i>Conditions to avoid:</i>	None
<i>Incompatible materials:</i>	None
<i>Hazardous decomposition product:</i>	None



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### Section 11: Toxicological information

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<i>Skin corrosion:</i>	None
<i>Serious eye damage/irritation:</i>	None
<i>Respiratory or skin sensitization:</i>	None
<i>Germ cell mutagenicity:</i>	None
<i>Carcinogenicity:</i>	None
<i>Reproductive toxicity:</i>	None
<i>Specific target organ toxicity (single exposure):</i>	None
<i>Specific target organ toxicity (repeated exposure):</i>	None
<i>Aspiration hazard:</i>	None
<i>Symptoms/injuries after inhalation:</i>	None
<i>Symptoms/injuries after eye contact:</i>	None
<i>Symptoms/injuries after ingestion:</i>	None

### Section 12: Ecological information

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#### Environmental Hazards

None

### Section 13: Disposal considerations

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<i>Waste Disposal:</i>	Collect and reclaim or dispose of at a licensed waste disposal site. Dispose of in accordance with all applicable regulations.
<i>Contaminated Materials:</i>	Dispose of in accordance with local regulations.
<i>Container Disposal:</i>	Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14: Transport information

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<i>Product Label:</i>	Zinc Expanded Flange
<i>UN Number:</i>	None
<i>DOT Shipping Name:</i>	None
<i>DOT Hazard Class:</i>	This material does not meet the definition of a hazardous material

### Section 15: Regulatory information

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Product not regulated.



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### Section 16: Other information

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#### Indication of changes

<b>NFPA health hazard:</b>	0
<b>NFPA fire hazard:</b>	0
<b>NFPA reactivity:</b>	0
<b>Personal Protection Index:</b>	None

#### HMIS III Rating

<b>Health:</b>	0
<b>Flammability:</b>	0
<b>Reactivity:</b>	0
<b>Special Hazard:</b>	None

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. The information contained herein relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee expressed or implied, is made as to its accuracy, reliability or completeness. It is the user's responsibility to review the suitability and completeness of information for its particular use. This SDS provides selected regulatory information on this product, including its components and is not intended to include all regulations. It is the responsibility of the user to know and comply with all applicable rules, regulations, and laws relating to the product being used.*