

SAFETY DATA SHEET

Hot Dipped Galvanized Sheet

Section 1: Identification: Hot Dipped Galvanized Sheet

WHEELING-NIPPON STEEL, INC.	Emergency Telephone Number: (304) 527-4842
P.O. Box 635	Information Number: (304) 527-4825
Penn & Main Street	Date Prepared/Date of Revision: 2/7/20
Follansbee, WV 26037	

Section 2: Hazard(s) Identification

Potential Acute Health Effects: Non-hazardous under normal use.

Potential Chronic Health Effects: Not available

Section 3: Composition/Information on Ingredients

C.A.S. Number	Chemical Name	OSHA PEL	ACGIH TLV	Weight/%
7439-89-6	Iron	10mg/m ³ (as Fe ₂ O ₃ fume)	5mg/m ³ (as Fe ₂ O ₃ fume)	N/A
7440-66-6	Zinc	5mg/m ³ (as ZnO fume)	5mg/m ³ (as ZnO fume)	N/A

Section 4: First Aid Measure

INHALATION: If acute overexposure to dust or fumes occurs, remove victim from the adverse environment and seek medical attention.

SKIN CONTACT: Remove contaminated clothing and wash area of contact thoroughly with soap and water. If irritation persists, seek medical attention.

EYE CONTACT: Flush immediately with running water for fifteen minutes occasionally lifting the lower and upper lids. If irritation persists, seek medical attention.

INGESTION: Seek medical attention, if necessary.

Section 5: Fire-fighting Measures

FLASH POINT: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL PROCEDURES: Firefighters should wear equipment to protect against noxious fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Section 6: Accidental Release Measures

Minimal problems with spills of this product would occur because of its solid form. However, if there is a spill of dust, clean up using methods which avoid dust generation and the use of water, such as vacuum. If airborne dust is generated during the clean-up, use an appropriate NIOSH-approved respirator.

Section 7: Handling and Storage

Keep away from incompatibles such as oxidizing agents, acids, alkalis.
Use good housekeeping and handling practices.

Section 8: Exposure Controls/ Personal Protection

Wear NIOSH approved, dust/fume respirator when welding or burning.
Use eye protection and protective gloves when handling.
Use appropriate protective clothing when welding or burning.

Section 9: Physical and Chemical Properties

Boiling Point: N/A	Specific Gravity: Approx. 8	Vapor Pressure: N/A
Vapor Density: N/A	Solubility in Water: N/A	Evaporation Rate: N/A
Melting Point: Zn Coating 850° F, Base Metal 2750° F		
Appearance and Odor: Odorless solid with metal luster		

Section 10: Stability and Reactivity

Stability: Stable – Yes

Conditions to avoid: N/A

Incompatibility (materials to avoid): Contact with strong acids or alkalis may produce hydrogen gas.

Hazardous Polymerization: Will not occur. Conditions to avoid: N/A

Section 11: Toxicological Information

Health Hazards (acute and chronic): N/A

Not regulated by OSHA

Carcinogenicity: No

Medical conditions generally aggravated by exposure: N/A

Signs and Symptoms of Exposure: Irritation of the nose, eyes and skin. Nausea, coughing and wheezing upon prolonged exposure at excessive levels during welding or burning.

Emergency and First Aid Procedures: *For overexposure to airborne fumes and particulates, remove exposed person to fresh air. Seek medical attention.*

Section 12: Ecological Information:

Not determined

Section 13: Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material.

Identification: N/A

Special provisions for transport: N/A

Section 15: Regulatory Information

Not a regulated material.

Section 16: Other Information

Disclaimer: This information is taken from sources or based upon data believed to be reliable. Our objective in sending this information is to help you protect the health and safety of your personnel and to comply with the OSHA Hazard Communication Standard and Title III of the Superfund Amendment and Reauthorization Act of 1986. WHEELING-NIPPON STEEL, INC. makes no warranty as to the absolute correctness, completeness, or sufficiency of any of the foregoing, or that any additional or other measures may not be required under particular conditions.

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