

Decking

MATERIAL SAFETY DATA SHEET

	Chemical Formula: Fe, C, Mn, P, Si, S (Zn) Compounds Single Substance <input type="checkbox"/> Mixture <input checked="" type="checkbox"/>
Identity (as used on label and list) ROLL FORMED OR BRAKE FORMED GALVANIZED CARBON STEEL CONSTRUCTION PRODUCTS	CFR 1910.1200 Hazard Classification Article <input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Physical <input type="checkbox"/>

SECTION I

Manufacturer's Name: Wheeling Corrugating Co. Div. of WHEELING-PITTSBURGH STEEL CORPORATION	Emergency Telephone Number (412) 288-3600 (Weekends & Holidays, 9:00 a.m. - 5:00 p.m., weekdays)
Address (Number, Street, City, State and Zip Code) Four Gateway Center P. O. Box 118 Pittsburgh, PA 15230	Telephone Number for Information: (304) 234-2880
	Date Prepared November 1985

SECTION II - HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	f
Carbon Steel (as Fe) CAS #7439-89-6	10 mg/M ³	5 mg/M ³	N/A	> 98
Metallic Zinc Coating CAS #7440-66-6	5 mg/M ³	5 mg/M ³	N/A	< 1
Oil Coating CAS #8002-05-9	5 mg/M ³	5 mg/M ³	N/A	< 1
Balance comprised of various oxides and compounds of trace materials.				

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point N/A	Specific Gravity (H ₂ O = 1) > 7.5	Specific Gravity (Air = 1) N/A
Vapor Pressure (mm Hg) N/A	Melting Point 2600 F	
Vapor Density (lb./cu.ft.) N/A	Liquid Density (lb./cu.ft.) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Solubility in Water Insoluble		

Appearance and Odor
Grayish silver with light metallic luster various shapes and designs, no odor

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL	UEL
Extinguishing Media Use appropriate media for adjacent fire.			

Special Fire Fighting Procedures
As required for particular situations.

Unusual Fire and Explosion Hazards
None

SECTION V - REACTIVITY DATA

Stability Unstable Stable

Conditions to Avoid:

None

Incompatibility (Materials to Avoid)

strong acids or alkalis

Hazardous Decomposition or Byproducts

oxides of iron and zinc, oil mist, smoke, hydrocarbons and carbon monoxide.

Hazardous Polymerization May Occur Will Not Occur

Conditions to Avoid:

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry Inhalation? Skin? Ingestion?

Decomposition Products

Health Hazards (Acute and Chronic)

Upon decomposition, oxides of iron and zinc may create local eye, skin and upper respiratory irritation. Oxides of zinc, upon prolonged excessive exposure, may create flu-like symptoms (metal fume fever) in exposed individuals which will subside 12 to 14 hours after exposure.

Carcinogenicity

NTP? N/A

IARC Monographs? N/A

OSHA regulated? N/A

Signs and Symptoms of Exposure

Decomposition products will create local irritation and upper respiratory discomfort.

Medical Conditions Generally Aggravated by Exposure

Consult a physician

Emergency and First Aid Procedures

As required upon excessive exposure to decomposition products.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled

Collection for recycle or reclaim.

Waste Disposal Method

Reputable salvage dealer or according to federal, state or local applicable regulations.

Precautions to Be Taken in Handling and Storing

Avoid subjecting to elevated temperatures; i.e., during cutting, burning or welding in confined areas. Store in or on structure of adequate integrity.

Other Precautions

Avoid sharp or burred edges which may cause skin abrasion or lacerations.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)

For decomposition products - an approved dust/mist/fume respirator.

Ventilation	Local Exhaust As required in confined areas	Special
Mechanical (General)		Other
Protective Gloves During handling of material.		Eye Protection During cutting, burning or welding.

Other Protective Clothing or Equipment

As required for cutting, burning or welding of products.

Work/Hygienic Practices

Use good housekeeping practices in areas where product is used or stored. Follow applicable federal, state or local safety requirements during use. Wash skin with soap and water if dermal contact occurs to prevent local irritation or before eating or smoking.

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