

Material Safety Data Sheet

Steel Joist, Girders, Accessories

QUICK IDENTIFIER
Common Name: (used on label and list)

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200. Standard must be consulted for specific requirements.

SECTION 1 -

Manufacturer's Name	Canam Steel	Emergency Telephone No.	314-239-6716
Address	Box 338	Other Information Calls	
City, State, and ZIP	Washington, Missouri	Date Prepared	7/27/90
Signature of Person Responsible for Preparation (Optional)			

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% optional	CAS NO.
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In its manufactured and shipped state:

This product is considered non-hazardous. Welding to the product or other processing involving the product may generate fumes and particulate matter.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H ₂ O=1)	7.8	Vapor Pressure (mm Hg)	N/A
Solubility in Water	N/A	Vapor Density (Air = 1)	N/A	Reactivity in Water	N/A
Appearance and Odor	Prime coated gray or red, bare metal is rust or gray black (odorless)		Melting Point	2800 Degrees Fahrenheit	

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	N/A F.	C.	Method Used	N/A	Flammable Limits in Air % by Volume	LEL Lower	N/A	UEL Upper	N/A
Auto-Ignition Temperature	N/A	Extinguish Media	N/A	Special Fire Fighting Procedures	N/A	Unusual Fire and Explosion Hazards	N/A		

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Conditions to Avoid Steel Joist are stable under normal conditions of use and storage
 Stable

Incompatibility (Materials to Avoid) N/A

Hazardous Decomposition Products N/A

Hazardous Polymerization May Occur Will Not Occur Conditions to Avoid

SECTION 6 - HEALTH HAZARDS

1. Acute None 2. Chronic Over exposure to welding fumes may cause "metal fume fever"

Signs and Symptoms of Exposure "Metal fume fever" Typical symptoms last 12 to 48 hours and are characterized by metallic taste in the mouth, irritation of the throat, fever and chills.

Medical Conditions Generally Aggravated by Exposure Steel Joist in natural state none. Welding fumes may enhance lung or respiratory ailments.

Chemical Listed as Carcinogen or Potential Carcinogen none National Toxicology Program Yes No I.A.R.C. Monographs Yes No OSHA Yes No

Emergency and First Aid Procedures For over exposure remove person to fresh air. If breathing is difficult

or has stopped administer artificial respiration or oxygen as indicated. Seek medical attention.

ROUTES OF ENTRY

- 1. Inhalation Yes, fumes from welding.
- 2. Eyes No
- 3. Skin No
- 4. Ingestion No

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Joist and girders in their natural state require no special precautions during handling or storage.

Other Precautions N/A

Steps to be Taken in Case Material is Released or Spilled N/A

Waste Disposal Methods (Consult federal, state, and local regulations) Waste can be disposed of as scrap steel for recycling

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) (NIOS/MSHA) Selection depends on magnitude of exposure to welding fumes.

Ventilation while welding Local Exhaust yes Mechanical (General) no Special no Other no

Protective Gloves yes, while welding or cutting Eye Protection yes while welding or cutting

Other Protective Clothing or Equipment As required by conditions

Work Hygienic Practices N/A

IMPORTANT
Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.