

NUCOR STEEL
CRAWFORDSVILLE

MATERIAL SAFETY
DATA SHEET

A. GENERAL INFORMATION

Trade Name
Hot or Cold Rolled Carbon Steel

General Product Code

Chemical Name and/or Synonym

Formula

Address (No., Street, City, State and Zip Code)
RR #2 BOX 311
CRAWFORDSVILLE, IN 47933

Contact	Phone No.	Last Issue Date	Current Issue Date
CHRIS HUDSON	(765) 364-1323	01/01/92	12/9/98

B. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

MATERIAL OR COMPONENT/C.A.S #	OSHA PEL	WT %
IRON 1309-37-1	10 MG/M3 FeO2 fume	Balance
COPPER 7440-50-8	1 MG/M3 Dust, 0.1 Mg/M3 fume	0.50 MAX
CARBON 7440-44-0	N/A	0.01 - 0.50
NICKEL ** 7440-02-0	1 MG/M3 DUST	0.25 MAX
MANGANESE ** 7439-96-5	CEILING 5 MG/M3	0.25-1.50
CHROMIUM ** 7440-47-3	1 MG/M3 METAL	0.25 MAX
LEAD ** 7439-92-1	50 MICROGRAMS/M3	<0.01 MAX
PHOSPHORUS 7723-14-0	0.1 MG/M3	0.00-0.15
ALUMINUM 7429-90-5	15 MG/M3 TOTAL, 5 RESP. DUST	0.00-0.08
SILICON 7440-21-3	15 MG/M3 TOTAL, 5 RESP. DUST	0.00-0.50

OIL COATINGS MAY BE USED

** DESIGNATED TOXIC CHEMICALS CONTAINED IN THIS PRODUCT ARE SUBJECT TO THE REPORTING REQ. OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 (40 CFR372)

C. PHYSICAL DATA

Appearance and Odor:
GRAY TO SILVER / NO ODOR

Boiling Point N/A Specific Gravity(H2O = 1)

Melting Point 2750 F N/A

Solubility in Water (% by weight) N/A Ph N/A

Evaporation Rate N/A % Volatiles by Volume (at 20 C) N/A

D. PRECAUTIONS/PROCEDURES (FIRE AND EXPLOSION)

Flash Point: N/A Auto Ignition Temperature: N/A

Extinguishing Media: N/A

Upper:

Metals may be reclaimed. Dispose of in a landfill in accordance with all local, state, and federal regulations.

I. SPECIAL PROTECTION INFORMATION

Respiratory Protection: When engineering controls are not feasible or sufficient to lower PEL, use a NIOSH/MSHA approved dust and fume respirators should be used to avoid excessive inhalation of particulate should your particulate levels be above the stated Permissible Exposure Limit (PEL).

Ventilation: Ventilation should be sufficient to maintain exposure below the applicable limits.

Protective Gloves:
Should be worn as required for welding, burning, or handling operations.

Eye Protection:
Safety glasses or goggles as needed for welding, burning, grinding, or machine operations.

Other Clothing and Equipment:

J. SPECIAL PRECAUTIONS

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