

Grabber Construction Products  
MSDS for Carbon Steel 2

**MATERIAL SAFETY DATA SHEET**

May be used to comply with  
OSHA'S Hazard Communication Standard  
29 CFR 1910, 1200 Standard must be  
consulted for specific requirements.  
IDENTITY (As Used on Label and List)

**CARBON STEEL 1**

**Section 1 - MANUFACTURER**

Name: China Steel Corporation

Address: 1 Chung Kang Road Hsiao Kang  
Kaoshuing (812)  
Taiwan, Republic of China

**Section II - HAZARDOUS INGREDIENTS**

Hazardous Components  
(Specific Chemical Identity:)  
Common Name (s)  
Chemical Analysis, Unit %  
C: Carbon: 0.17 - 0.23  
MN: Manganese: 0.7 - 0.9  
P: Phosphorus: 0.03 (Max)  
S: Sulfur: 0.05 (MAX)  
SI: Silicon: 0.05  
TTL AL: Total Aluminum: 0.035 - 0.067  
BASS METAL  
IRON: BALANCE

**Section III - Physical / Chemical**

**Characteristics**

Specific Gravity (H2O - 1):	7.85
Melting Point:	1000 degrees C
Evaporation (Butyl Acetate):	Not applicable
Boiling Point:	Not applicable
Vapor Pressure (mm Hg):	Not applicable
Vapor Density (AIR - 1):	Not applicable
Solubility in Water:	Not soluble
Appearance and Odor:	Solid/No odor

**Section IV - Fire & Explosion Hazard Date**

	Flammable Limits	LEL
	Product is not self igniting	
Flash Point (Method Used):	Not applicable	
Extinguishing Media:	Not applicable	
Special Fire Fighting Procedures:	None	
Unusual Fire and Explosion Hazards: (Reproduce Locally)	None	

**U.S. DEPARTMENT OF LABOR**

Occupational Safety and Health  
Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 128-0072  
Note: Blank spaces are not permitted  
If any item is not applicable or no  
information is available, the space  
must be marked to indicate that

**Emergency**

**Phone:** 886-7-802-1111

Information Phone: 886-7-802-1111

Date Prepared  
Signature of Preparer

### Section V

Stability:  
Incompatibility (Materials to Avoid):  
Hazardous Decomposition or Byproducts  
Hazardous:  
Polymerization:

### Reactivity Data

Stable  
  
Will not occur

### Section VI

Route(s) of Entry:  
  
Health Hazards (Acute and Chronic):  
Nonflammable or Combustible Steel Products in  
the Solid State:  
  
Carcinogenicity:  
  
Signs and Symptoms of Exposure:  
Medical Conditions Generally Aggravated  
by Exposure:  
Emergency and First Aid Procedures:

### Health Hazard Data

Inhalation/none	Skin/none	Ingestion/ not applicable
None		
Present no fire or explosion hazard and do not contribute to the combustion of other materials		
NTP/none	IARC Monographs/ none	OSHA Regulated/ none
None		
None		
None		

### Section VII

Steps to be Taken in Case Material is  
Released or Spilled:  
Waste Disposal Method:  
  
Precautions to be Taken:  
  
Other Precautions:

### Precautions for Safe Handling and Use

None  
Dispose of substance in accordance with the  
related laws and regulations  
Wash your hands after handling it  
Will react with strong acid to release  
hydrogen

### Section VIII

Respiratory Protection (Specify Type)  
Ventilation:  
  
Protective Gloves:  
Eye Protection:  
Other Protective Clothing or Equipment:  
Work/Hygienic Practices:

### Control Measures

Local Exhaust/none	Special/none	(General) Mechanical/ none
Other/none		
Rubber gloves		
Safety glasses		
Install a washstand in workshop for washing hands		
General protective and hygienic measures		