

**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)

**STAINLESS STEEL 316****Section 1 - MANUFACTURER**

Name: Min Hwei Enterprise

Address: No. 18, Yong Hsiang Road  
Fang-Liao, Ping-Nan Industrial District  
Ping Tung, Taiwan  
Republic of China

**Section II - HAZARDOUS INGREDIENTS**

Hazardous Components  
(Specific Chemical Identity:)

Common Name (s)

Chemical analysis, unit %

SI: Silicon: 0.25

P: Phosphorus: 0.025

S: Sulfur: 0.002

C: Carbon: 0.02

Mn: Manganese: 1.22

N: Nickel: 10.78

Cr: Chromium: 17.2

Mo: Molybdenum: 2.05

**Section III - Physical / Chemical Characteristics**

Boiling Point:

Vapor Pressure (mm Hg):

Vapor Density (AIR-1):

Solubility in Water:

Appearance and Odor:

Specific Gravity

Melting Point

Evaporation: (Butyl Acetate)

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

Flash Point (Method used): n/a

Extinguishing Media: n/a

Special Fire Fighting Procedures:

Unusual Fire and Explosion Hazards:  
(Reproduce locally)

**Section V**

Stability:

Incompatibility (materials to avoid):

Hazardous Decomposition or Byproducts:

Hazardous:

Polymerization:

**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: 886-8-8669611**

Information Phone: 886-8-8669611

Date Prepared

Signature of Preparer (Optional)

OSHA PEL	ACGIH TLV	% (Optional)
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Cu: Copper 3.1

N: 150 ppm

Not applicable

Not applicable

Not applicable

Not soluble

Solid

(H<sub>2</sub>)-1)

1200 degree c

Not applicable

Flammable Limits LEL

Product is not self igniting

None

None

**Reactivity Data**

Stable

May occur

Will not occur

**Section VI**

Route(s) of Entry:  
Signs and Symptoms of Exposure  
Medical Conditions  
Generally Aggravated by Exposure:  
Emergency and First Aide Procedures:

**Health Hazard Data**

Inhalation/none	Skin/none	Ingestion/n/a
none		
none		
none		

**Section VII**

Steps to be Taken in Case Material is Released or Spilled:  
Waste Disposal Method:  
  
Precautions to be Taken in Handling and Storing:  
Will react with strong acid to liberate hydrogen  
Other Precautions:

**Precautions for Safe Handling and Use**

none  
Dispose of the substance in accordance with the related laws and regulations  
Wash your hands after handling it

**Section VIII**

Respiratory Protection (specify type)  
Ventilation:  
Local Exhaust:  
Mechanical (General)  
Special:  
Other:  
Protective Gloves:  
Eye Protection:  
Other Protective Clothing or Equipment:  
Work/Hygienic Practices:

**Control Measures**

none  
none  
none  
none  
rubber gloves  
safety glasses  
install a washstand in workshop for washing hands  
general protective and hygienic measures