



<b>I. MATERIAL IDENTIFICATION</b>	
<b>Product Class:</b>	Stainless Steel
<b>Manufacturer:</b>	B & B Sheet Metal 2540 50 <sup>th</sup> Ave. Long Island City, NY 11101-4421
<b>Telephone:</b> (718) 433-2501	
<b>Fax:</b> (718) 433-2709	
<b>Website:</b>	<a href="http://www.bbsheetmetal.com">http://www.bbsheetmetal.com</a>

<b>II. HAZARDOUS INGREDIENTS</b>			
<i>Ingredient</i>	<i>Percentage Weight</i>	<i>Exposure Limits OSHA PEL</i>	<i>Exposure Limits ACGIH TLV</i>
Iron oxide dust and fume (as Fe)	50-88	10 mg/M <sup>3</sup>	5 mg/M <sup>3</sup>
Manganese, as Mn(*) Fume	1-7.5	1 mg/M <sup>3</sup>	1 mg/M <sup>3</sup>
Chromium metal (as Cr) (*)	0.5-30	1 mg/M <sup>3</sup>	0.5 mg/M <sup>3</sup>
Nickel(*) Metal	0.5-37	1 mg/M <sup>3</sup>	1 mg/M <sup>3</sup>
Titanium, metal and oxide dust	<1.25	5 mg/M <sup>3</sup>	5 mg/M <sup>3</sup>
Aluminum, as Al(*)	<1.5	5 mg/M <sup>3</sup>	5 mg/M <sup>3</sup>
Molybdenum (Soluble Compounds)	<4.5	5 mg/M <sup>3</sup>	
<ul style="list-style-type: none"> <li>(*) SARA 313 Reportable Chemicals</li> <li>B &amp; B stainless steel does not contain and is not manufactured with Class I or Class II Ozone Depleting Chemicals</li> <li>If this product is used for packaging, the combined concentrations of Mercury, Cadmium, Lead, and Hexavalent Chromium do not exceed 100 ppm.</li> </ul>			

<b>III. PHYSICAL DATA</b>	
<b>Freezing Point :</b>	
<b>Melting Point:</b>	
<b>Boiling Point:</b>	
<b>Specific Gravity:</b>	
<b>Vapor Pressure:</b>	
<b>Vapor Density:</b>	
<b>Appearance and Odor:</b>	Metallic gray-solid block, stainless steel-sheet and plate, no odor
<b>Other:</b>	

<b>IV. FIRE AND EXPLOSION HAZARD DATA</b>	
<b>Flammability :</b>	
<b>Flash Point:</b>	
<b>Firefighting Procedures:</b>	Extinguishing media: N/A for stainless steel; dry chemical and sand or dust and powder for metal fires. No special requirements for this product, use traditional firefighting techniques.

<p><b>Unusual Fire and Explosion Hazards:</b> N/A for stainless steel. If present as dust or powder, dust and powder are subject to rapid oxidation.</p>
<p><b>Additional Information:</b> Stainless steel is not combustible; only dust and powder are subject to oxidation and fire.</p>

<p><b>V. REACTIVITY DATA</b></p>
<p><b>Reactivity:</b> Stability: Stable Incompatibility: For dust and powder forms only; avoid contact with strong acids or bases and chemical oxidizers. Decomposition: For dust and powder forms only, hydrogen gas can be generated in contact with moisture or acids. Polymerization: None.</p>

<p><b>VI. HEALTH HAZARD INFORMATION</b></p>			
Route of Entry	Acute Exposure	Chronic Exposure	First Aid Measure
Inhalation	Operations which result in generation of metal fume may cause metal fume fever, symptoms of which include chills and fever which occur several hours after heavy exposure. Symptoms dissipate within a day or two.	Chromium and nickel fumes are suspect carcinogens and can cause sensitization (allergic reaction). Iron oxides can cause a benign lung condition (siderosis).	If exposed to welding fume, dust or powder, move victim to fresh air and treat symptomatically.
Eye Contact			Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.
Skin Absorption			For dust and powder forms, wash affected area with soap and water. Get medical help if irritation or rash develops.
Ingestion			Contact local poison control center or physician. Ingestion is not normally expected.
<p><b>Additional Information:</b> Carcinogenicity: NTP: yes IARC: yes OSHA: no OTHER: NIOSH</p> <p>Steel products under normal conditions do not present an inhalation, ingestion, or contact health hazard. However, operation, such as: burning, welding, sewing, brazing, grinding, and possibly machining, etc., which results in elevating the temperature of the product to or above its melting point, or results in the generation of airborne particulates, may present health hazards.</p>			

<p><b>VII. SPILL OR LEAK PROCEDURES</b></p>
<p><b>Procedures:</b> Stainless steel chips or pieces can be swept and collected for recycle. For dust and powdered forms, clean up using vacuum system to reduce generation of dust.</p>
<p><b>Waste Disposal:</b> Collect for recycle or sale as scrap steel. Follow local, state and federal regulations.</p>
<p><b>Additional Information:</b></p>

<p><b>VIII. SPECIAL PROTECTION INFORMATION</b></p>
<p><b>Eye :</b> Wear appropriate eye protection for welding, burning, grinding, or cutting.</p>
<p><b>Skin :</b> Skin protection not normally needed. If potential for extended contact with dust exists, wear protective gloves.</p>
<p><b>Respiratory :</b> If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH-approved respirator for dust and fumes.</p>
<p><b>Ventilation :</b> Local exhaust may be necessary under some handling/use conditions, such as welding or processing of dust and powdered forms of this product.</p>
<p><b>Other :</b></p>
<p><b>Additional Information :</b></p>

*IX. SPECIAL PRECAUTIONS*

*Handling and Storage :*

Operations with the potential for generating high concentrations of airborne particulates should be evaluated and controlled as necessary. Avoid breathing metal fumes and/or dusts.

*Additional Information :*