

COMPANY INFORMATION

COMPANY NAME: ORTHO SPECIALTIES
COMPANY ADDRESS: 3820 OHIO AVE - SUITE 15
 ST. CHARLES, IL 60174
COMPANY PHONE: 630-443-0225
COMPANY FAX: 630-443-0224
COMPANY WEB ADDRESS: www.orthospecialties.com

STAINLESS STEEL

DOCUMENT NUMBER:	SDS65
REVISION DATE:	09/26/2014
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1.) PRODUCT IDENTIFICATION

Product Identification:
 Common Name: Direct Bond Eyelets
 Product Name: Stainless Steel Alloys
 Stainless Steel Products

2.) HAZARDOUS COMPONENTS

This section covers materials that may be present in the steel article purchased. Dependent on the customers' end-use, such as welding or grinding the metal, fumes, gases, and particulate may be generated; see section 3 for possible contaminant exposure scenarios.

Ingredients Considered Hazardous	Common Name	wt %	CAS#	PEL*	TLV*
	Aluminum (Al)	0-5	7429-90-5	15.0	15.0
	Cobalt (Co)	0-5	7440-48-4	0.1	0.1
	Copper (Cu)	0-5	7440-50-8	1.0	1.0
	Chromium (Cr)	13-23	7440-47-3	1.0	0.5
	Iron (Fe)	50-80	7439-89-6	10.0	5.0
	Manganese (Mn)	0-5	7439-96-5	5.0	5.0
	Molybdenum (Mo)	0-5	7439-98-7	5.0	5.0
	Nickel (Ni)	3-15	7440-02-0	1.0	1.0
	Silicone (Si)	0-5	7440-21-3	15.0	10.0

3.) PHYSICAL CHARACTERISTICS

Boiling Point: High °C
 Specific Gravity: 7.5 – 8.5
 Solubility in Water: Insoluble
 Vapor Pressure: Nil at 100°C
 Appearance: Solid Metal
 Odor: Odorless

5.) FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media: N/A
 Unusual Fire and Explosion Hazards: N/A
 Special Fire Fighting Procedures: N/A

Reactivity: N/A
 Incompatible Materials: N/A
 Hazardous Decomposition Products: N/A
 Hazardous Polymerization: N/A

6.) HEALTH HAZARD DATA

Acute Hazards: None known in form supplied
 Chronic Hazards: None known in form supplied
 Signs & Symptoms of Overexposure: N/A

Routes of Entry:	Symptom:	Emergency/First Aid Procedures:
Eye Contact	Unlikely in form supplied	N/A
Skin Contact	Unlikely in form supplied	N/A
Inhalation	Unlikely in form supplied	N/A
Ingestion	Unlikely in form supplied	N/A

Note: Stainless Steel materials should never be used in patients who have an allergy to nickel.

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7.) SPECIAL PROTECTION INFORMATION

Ventilation	General
Respiratory Protection	Required when cutting, grinding or welding
Protective Gloves	Required when cutting, grinding or welding
Eye Protection	Required when cutting, grinding or welding
Work/Hygenic Practices	Follow standard laboratory safety procedures

8.) SPECIAL HANDLING MEASURES

Precautions In Case of Spill	Clean up
Waste Disposal Method	Dispose of in accordance with local, state and federal regulations
Handling & Storage Precautions	None

The information contained in this MSDS is believed to be valid and accurate. Ortho Specialties, however, makes no warranty, either expressed or implied, as to the completeness of information in all possible conditions. **Reasonable safety precautions must always be observed.**