



MATERIAL SAFETY DATA SHEET FOR STAINLESS STEEL SPRING WIRE TYPE 631 (17-7PH)

Manufacturing Facility, Company or Subsidiary:	Sumiden Wire Products Corporation
Address:	710 Marshall Stuart Drive Dickson, Tennessee 37055
Phone (During normal business hours):	615-446-3199
Date of Preparation:	October 17, 2002
Product Name or Number:	Stainless Steel Spring Wire Type 631 (17-7PH)
Chemical Name:	Stainless Steel

Ingredients

Base Metals:				
	Fe:	(Balance)		
Alloying Elements: (mass %)				
	C:	0.09 Max.	Si:	1.00 Max.
	Mn:	1.00 Max.	P:	0.040 Max.
	S:	0.030 Max.	Ni:	6.50 – 7.75
	Cr:	16.00 – 18.00	Al:	0.75 – 1.50
	Mo:	0.75 Max.	Cu:	0.50 Max.
Surface Coating:				
	Coating:	Ni & Sulfate (Na, K), Sulfate (Na, K)		
	Lubricant:	Stearate (Ca, Na)		

Physical Data

Physical State: Solid
 Appearance and Odor: Metal Grey, Odorless
 Melting Point, Boiling Point: N/A

Personal Protection Information

Respiratory Protection: NIOSH/MSHA approved dust and fume respirator should be used if OSHA PEL is exceeded.
 Hands, Arms, Body, Eyes, Use appropriate protective clothing, face shield when welding, burning or grinding.
 Face Protection:

Emergency Medical Procedures

First Aid: In case of excessive exposure to fumes or particulates, remove exposed person to fresh air, and if necessary administer oxygen and seek physician's assistance.

Safety Information

Fire and Explosion: Steel products in the solid state present no fire or explosion hazard unless it is particulate or exposed in excessive oxygen.
 Reactivity: Stable under normal condition.

Spill Leak and Disposal Procedure

Spill and Leak: N/A to steel products in the solid state.
 Disposal: N/A