

Material Safety Data Sheet

Identity: **Cirrus Non-Precious Alloy**

SECTION I

Distributor:	Gresco Products, Inc.
Address:	13391 Murphy Road - Stafford, TX 77477
Emergency Telephone Number:	None
Telephone Number for Information:	(281) 261-1811
Date Prepared:	July 26, 2004

SECTION II & III - Hazardous Ingredients & Physical/Chemical Characteristics

Hazardous Components (As Defined by CFR 1910.1200):	Nickel (76%) Chromium (12%) Beryllium (1.8%) Molybdenum (4.5%) Aluminum (2%)
Exposure Limits:	TLV (mg/m) Ni = 1, Cr = .5, Be = 10, Mo = 10, Al = 10
Boiling Point:	Unknown
Vapor Pressure (mm Hg.):	N/A
Vapor Density (Air = 1):	N/A
Specific Gravity (water = 1):	8
Melting Point:	2700 F
Evaporation Rate (Butyl Acetate = 1):	N/A
Solubility in Water:	Insoluble
Appearance and Odor:	Gray/Chrome color metal, no odor

SECTION IV - Fire and Explosion Data

Flash Point (Method Used):	Will not burn
Flammable Limits:	N/A
Extinguishing Media:	Dry chemical
Special Fire Fighting Procedures:	None required
Unusual Fire and Explosion Hazards:	Molten metal can ignite combustible materials

SECTION V - Reactivity Data

Stability:	Stable
Incompatibility (Materials to Avoid):	Certain acids such as nitric acid
Hazardous Decomposition or By Products:	Not known
Hazardous Decomposition:	Not known

SECTION VI - Health Hazard Data

Routes of Entry:

inhalation?:	Yes
skin?:	No
ingestion?:	No
eyes?:	No
Health Hazards (Acute and Chronic):	Prolonged exposure (breathing) to dust and fumes may cause health problems

Carcinogenicity:

NTP?:	Yes. Be, Ni, and Cr are suspect carcinogens.
IARC Monographs?:	Yes. Be, Ni, and Cr are suspect carcinogens.
Signs and Symptoms of Exposure:	Not known
Medical Conditions Aggravated by Exposure:	None known
Emergency and First Aid Procedures:	Eyes – contact with grinding dust: Wash with large amount of water, consult a Inhalation of grinding dust or fumes: Not known Ingestion: see physician. Skin: Brush off grinding dust and wash with soap and water

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SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:	Clean spilled material in a dustless manner.
Waste Disposal Method:	Dispose in accordance with local, state, and federal regulations.
Precautions to Be Taken in Handling and Storing:	None
Other Precautions:	Use ventilation and dust collection when grinding or casting.

SECTION VIII - Control Measures

Respiratory Protection:	Recommended - with approved filter for metal dust
Ventilation:	Use sufficient exhaust to reduce the level of dust and fumes
Protective Gloves:	Optional
Eye Protection:	Recommended
Other Protective Clothing or Equipment:	Optional
Work/Hygienic Practices:	Avoid breathing grinding dust and fumes.