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MATERIAL SAFETY DATA SHEET

Section #1 - Product Identification

MSDS Number: 003	Issue Date: 01/06/2003 Revision Date:
Trade Name: Chromium Metal	Synonyms: Cr metal powder Cr metal flake
Chemical Family: Metal	

Section #2 - Product Composition

Element	Concentration	CAS Number	RTECS Number	OEL's TLV (mg/m ³) as TWA
Chromium	100%	7440-47-3	GB420000	1

Section #3 - Physical Properties

Appearance: Odorless, silver gray solid	Relative Density (water): ~7.2
Melting Point: ~1500 degrees C	Solubility (water): none

Section #4 - Fire, Explosion, and Reactivity Data

Non combustible solid in bulk form, but finely divided dust burns rapidly if heated in a flame.

Avoid contact with strong oxidizers and/or strong acids.

Section #5 - Health Hazard Information

Chromium

	Eyes	Skin	Inhalation	Ingestion
Symptoms	Redness	Redness	Coughing	None listed
Prevention	Face Shield, goggles	Protective gloves	Local exhaust equipment or approved respirator	Do not eat, drink or smoke during work.
First Aid	First, Rinse with plenty of water for several minutes (remove contact lenses, if possible), then take to a doctor	Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer to doctor for medical attention	Fresh air, rest	Rinse mouth, seek medical attention

Section # 6 - Spill, Leak, & Disposal Information

Specific information for this alloy does not exist, so information is included for each major constituent.

Chromium

Vacuum or otherwise collect spilled material, then remove to a safe place. Use a P2 filter respirator for harmful particles.

Section #7 - Special Precautions

Transportation requirements - no specific requirements.

DOT Class: Not Hazardous

Carcinogenicity: NTP - Yes

IARC Monographs - Yes

OSHA Regulated - Yes

The information listed above is given in good faith, but no warranty expressed or implied is made. The information is based upon data believed to be correct when the MSDS was written. ISA accepts no responsibility or liability for any harmful effects which may be caused by purchase, sale, use or exposure to our product.

References:

International Chemical Safety Cards downloaded from www.cdc.gov/niosh/ipcs