

MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME:

I. PRODUCT IDENTIFICATION



2951 STATE STREET • HAMDEN, CONNECTICUT 06517

(203) 288-9249

METAL CUTTING TOOLS MADE FROM

TRADE NAME: M-42 T-15

II. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	CAS NO.	OSHA PEL (Mg/M ³)	ACGIH TLV (Mg/M ³)
COBALT	7440-48-4	0.1	(0.1)
CHROMIUM	7440-47-3	1.0	.50
IRON	1309-37-1	10	5
MOLYBDENUM	7439-98-7	15	10
VANADIUM	1314-62-1	(DUST) .5*	.05
		(FUME) .1*	.05
TUNGSTEN	7440-33-7	N/E**	5

TUNGSTEN IS NOT GENERALLY REGARDED AS AN INDUSTRIAL POISON

*CEILING LIMITS **N/E — NOT ESTABLISHED

III. PHYSICAL DATA

BOILING POINT:	≥ 5000°F	MELTING POINT:	Approximately 2500°F
SPECIFIC GRAVITY (H ₂ O=1):	Approx. 7.8-8.2 (60°F)	VAPOR PRESSURE:	N/A
VAPOR DENSITY (AIR=1):	N/A	SOLUBILITY IN H ₂ O:	Insoluble
% VOLATILES BY VOLUME:	N/A	EVAPORATION (BUTYL ACETATE=1):	N/A
APPEARANCE AND ODOR:	Various Shapes, Solid Odorless Metal		

IV. FIRE AND EXPLOSION DATA

FLASH POINT:	None	FIRE POINT:	None
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V. HEALTH HAZARD INFORMATION

WE DO NOT CONSIDER THIS PRODUCT IN THE FORM IT IS SOLD TO CONSTITUTE A PHYSICAL HAZARD OR A HEALTH HAZARD. SUBSEQUENT OPERATIONS SUCH AS ABRADING, MELTING, WELDING, CUTTING OR PROCESSING IN ANY OTHER FASHION THAT CAUSES A RELEASE OF DUST OR FUME MAY CAUSE SOME OF THE INGREDIENTS TO CHANGE TO A FORM WHICH COULD AFFECT EXPOSED WORKERS.

PRIMARY ROUTES OF ENTRY:	Inhalation	EMERGENCY FIRST AID:	Remove to fresh air, if condition continues - consult physician
	Eye Contact		Flush well with running water to remove particulate. Get medical attention.
	Skin Contact		Brush off excess dust. Wash area well with soap and water.
	Ingestion		Seek medical help if large quantities of material have been ingested.