

MATERIAL SAFETY DATA SHEET



SECTION 1 - PRODUCT IDENTIFICATION					
Saturn Industries, Inc	3 .			·	
Union Turnpike	Hudson	ΝY	12534	518 828 9956	
PRODUCT NAME AND SYNONYMS Molybdenum (metal, powder, wire, fabricated parts, scrap, etc.)		MSDS IDENTIFICATION Molybdenum			
SECTION 2 - INGREDIENTS		4,		PEL (OSHA) TLV (ACGIH)	
Molybdenum	ca	ca 100		<pre>15 mg/cu.m. (as Mo) 10 mg/cu.m. (Insoluble compounds) 5 mg/cu.m. (as Mo) Same (Soluble compounds)</pre>	

Percentage may be lower in the scrap.

ECTION 3 - PHYSICAL DATA	w		$(x,y) = f(x) \cdot f(y) = (x,y) \cdot f(y)$
OILING POINT, 760mm Hg ca 8700 F	MELTING POIN	T ca	4750 F
PECIFIC GRAVITY (H20=1) 10.2	· · · · · · · · · · · · · · · · · · ·		V/A
APOR DENSITY (AIR=1) N/A			rsoluble
VOLATILES BY VOLUME 0	EVAPORATION	· · · · · · · · · · · · · · · · · · ·	N/A
PPEARANCE AND ODOR	2 - 12 - 14 - 14 - 14 - 14 - 14 - 14 - 1		· · · · · · · · · · · · · · · · · · ·
olor is dark grey or black, no odor.			
ECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
LASH POINT (AND METHOD USED) FLAMMAB	LE LIMITS IN AIR % BY VOLUME	AUTO IGNI	TION TEMPERATURE
LOWER	UPPER		
one N/A	N/A		N/A
XTINGUISHING			2.5
	() ===	/ 1 may average	I /V\ ATHER
EDIA () WATER FOG	() FOAM () CO2	() DRY CHEMICA	L (X) OTHER
PECIAL FIRE FIGHTING PROCEDURES	3 - English and American Company		
PECIAL FIRE FIGHTING PROCEDURES xtinguish powder fire by application of s	and or fine granular limestone	to all exposed surfac	
MEDIA () WATER FOG PECIAL FIRE FIGHTING PROCEDURES Extinguish powder fire by application of something and the disturbed until communication of something and the disturbed until communication.	and or fine granular limestone	to all exposed surfac	
PECIAL FIRE FIGHTING PROCEDURES ixtinguish powder fire by application of some terial should not be disturbed until communication INUSUAL FIRE AND EXPLOSION HAZARD	and or fine granular limestone pletely extinguished and allow	to all exposed surfaced to cool.	es. Once covered,
PECIAL FIRE FIGHTING PROCEDURES ixtinguish powder fire by application of some material should not be disturbed until communication INUSUAL FIRE AND EXPLOSION HAZARD	and or fine granular limestone pletely extinguished and allow	to all exposed surfaced to cool.	es. Once covered,
PECIAL FIRE FIGHTING PROCEDURES xtinguish powder fire by application of scaterial should not be disturbed until community of the second NUSUAL FIRE AND EXPLOSION HAZARD after ignition source is removed, the metal	and or fine granular limestone pletely extinguished and allow	to all exposed surfaced to cool.	es. Once covered,
PECIAL FIRE FIGHTING PROCEDURES axtinguish powder fire by application of someterial should not be disturbed until communication in the second state of the second state of the second state of the second state of the second seco	and or fine granular limestone pletely extinguished and allow	to all exposed surfaced to cool.	es. Once covered,
PECIAL FIRE FIGHTING PROCEDURES xtinguish powder fire by application of saterial should not be disturbed until community that are ignition source is removed, the meta ECTION 5 - REACTIVITY DATA TABILITY (NORMAL CONDITIONS)	and or fine granular limestone pletely extinguished and allow l powder continues to glow unt	to all exposed surfaced to cool.	es. Once covered, has taken place.
PECIAL FIRE FIGHTING PROCEDURES extinguish powder fire by application of staterial should not be disturbed until communication for the staterial should not be disturbed until communication for the state in the state of the sta	and or fine granular limestone pletely extinguished and allow l powder continues to glow unt CONDITIONS TO AVOID	to all exposed surfaced to cool. il complete oxidation HAZARDOUS POLYMER	es. Once covered, has taken place.
PECIAL FIRE FIGHTING PROCEDURES Extinguish powder fire by application of selection should not be disturbed until communication. INUSUAL FIRE AND EXPLOSION HAZARD after ignition source is removed, the metal section 5 - REACTIVITY DATA stability (NORMAL CONDITIONS) (X) STABLE () UNSTABLE	and or fine granular limestone pletely extinguished and allow l powder continues to glow unt CONDITIONS TO AVOID N/A	to all exposed surfaced to cool. il complete oxidation HAZARDOUS POLYMER	es. Once covered,
PECIAL FIRE FIGHTING PROCEDURES Extinguish powder fire by application of scaterial should not be disturbed until communication in the process of the process	and or fine granular limestone pletely extinguished and allow l powder continues to glow unt CONDITIONS TO AVOID N/A	to all exposed surfaced to cool. il complete oxidation HAZARDOUS POLYMER	es. Once covered, has taken place.
PECIAL FIRE FIGHTING PROCEDURES Extinguish powder fire by application of selectical should not be disturbed until communication. INUSUAL FIRE AND EXPLOSION HAZARD of the ignition source is removed, the metal of the ignition source is removed, the metal of the ignition source is removed. ECTION 5 - REACTIVITY DATA of the ignition of the ignition source is removed. The ignition source is removed, the ignition of the ignition	and or fine granular limestone pletely extinguished and allow l powder continues to glow unt CONDITIONS TO AVOID N/A	to all exposed surfaced to cool. il complete oxidation HAZARDOUS POLYMER	es. Once covered, has taken place.

ATERIAL SAFETY DATA SH	ET (MSDS - CONTINU	JED .		
SECTION 6 - HEALTH HAZA	RD INFORMATION			
XPOSURE CRITERIA				
See Section 2.				
FFECTS OF OVEREXPOSURE			41.4. · · · · · · · · · · · · · · · · · ·	
(nhalation - There is 1	ittle data regardi	ng the effects on human	s of overexposure to molybo	denum and its compounds.
(nhalation tests with a	nimals have shown	overexposure to result	in irritation of eyes, nose	e, and throat, loss of
appetite, and muscular	incoordination.			
Ingestion - Ingestion o to molybdenum compounds	f toxic quantities may result in dia	are not likely in an i	ndustrial setting. Animal	tests indicate overexposure
Eye contact - May resul	t in slight irrita	tion.		
				•
EMERGENCY AND FIRST AID	PROCEDURES			
Mone anticipated under	normal use.	•		
				·
				•
•				
SECTION 7 - SPECIAL PRO		M		
VENTILATION REQUIREMENT If necessary, use local	s exhaust ventilati	ion to keep exposure lev	els below permissible limi	ts.
RESPIRATORY PROTECTION		UTOSU	manimaton for toute ducte	having a TIV not loss than
			respirator for toxic dusts	having a TLV not less than
0.05 mg/cu.m. Always o	bserve respirator			
EYE PROTECTION Safety Glasses	and the second	GLOVES None		+ 1
OTHER PROTECTIVE CLOTH	ING AND EQUIPMENT	NOTIC		
None				
SCOTTON O SERVICION IS	AV DOCEDIDES			
SECTION 8 - SPILL OR LE HAZARDOUS WASTE CLASSIE		FEDERAL		
) IGNITABLE	() CORROSIVE	() REACTIVE	(X) NOT CLASSIFIED
STEPS TO BE TAKEN IF M				
Use normal clean-up pro	ocedures, using a	broom or vacuum, taking	care to avoid excessive du	isting.
WASTE DISPOSAL METHOD				
	ce with all applic	able Federal, State, an	d Local regulations.	
SECTION 9 - SPECIAL PR	FCAUTIONS			
PRECAUTIONS TO BE TAKE		STORAGE		
None	The second secon			
OTHER PRECAUTIONS				
				and the second s