

MATERIAL SAFETY DATA SHEET

SECTION I: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT IDENTITY: Lead Coated Brass Bolt Assembly PB00257/194-12963	SUPPLIER NAME: C & D Technologies, Inc. ADDRESS: 1400 Union Meeting Road P. O. Box 3053 Blue Bell, PA 19422-0858 TELEPHONE: (215) 619-2700
EMERGENCY: (610) 828-9309 24 HOUR EMERGENCY TELEPHONE: (CHEM TEL) 1-800-255-3924	

SECTION II: COMPOSITION / INFORMATION ON INGREDIENTS				
HAZARDOUS COMPONENT	CAS#	OSHA PEL	ACGIHTLV	% BY WEIGHT
*Lead, lead compounds	7439-92-1	0.05mg/m3	0.05mg/m3	1 to 20%
NON-HAZARDOUS COMPONENTS				
Inert Components	N/A	N/A	N/A	80 to 99%
SECTION 313 (40 CFR 372) LISTED TOXIC CHEMICALS ARE PRECEDED BY AN *.				

SECTION III: HAZARDS IDENTIFICATION	
RATING CODES: 0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme HMIS RATING: Health: 0 Flammability: 0 Reactivity: 0 Other: 0 NFPA RATING: Health: 0 Flammability: 0 Reactivity: 0 Other: 0	Routes of entry: Ingestion of metallic lead particles if present
Normal handling of lead plated bolt assembly does not present a lead exposure. A lead health hazard is present if lead plated bolt assemblies are melted or mechanically cleaned or abraded and there is exposure to lead particles.	
Health Hazards:	Acute - most will pass through body unabsorbed; at very high exposures, may cause lead intoxication with symptoms of nausea and abdominal cramps. Chronic - anemia, malaise, tremors, gastritis, liver changes.
California Proposition 65 Warning – Battery posts, terminals, lead plated bolt assemblies, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. Wash hands after handling.	

SECTION IV: FIRST AID MEASURES	
Inhalation: No inhalation of lead particles possible with normal handling of lead plated bolt assembly.	Skin Contact: Wash thoroughly with soap and water if contact with lead metallic particles from cleaning or mechanical abrasion.
Eye Contact: If contact with lead metallic particles, flush with water; get immediate medical attention.	
Ingestion: If ingestion of lead metallic particles, induce vomiting, seek medical attention immediately.	

SECTION V: FIREFIGHTING MEASURES		
FIRE AND EXPLOSIVE PROPERTIES: For fire involving lead metallic particles.	Flash Point: N/A	Flammable Limits (as H ₂ gas): LEL: 4% UEL: 74%
EXTINGUISHING MEDIA: Class ABC or CO ₂ .		
Extinguishing Media: Carbon Dioxide, foam, dry chemicals, water spray		

Special Firefighting Procedures: Wear protective clothing and self contained breathing apparatus

Unusual Fire and Explosion Hazards: Highly toxic lead oxide fumes evolve from heated metal

SECTION VI: ACCIDENTAL RELEASE MEASURES

None.

SECTION VII: HANDLING AND STORAGE

None.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

WORK PRACTICES: None

VENTILATION: N/A

EYE WEAR: N/A

RESPIRATORY PROTECTION: N/A

GLOVES: N/A

OTHER PROTECTIVE CLOTHING: Not Required

PERSONAL PROTECTIVE EQUIPMENT (WHEN CLEANING LEAD PLATED BOLT ASSEMBLIES WITH WIRE BRUSH OR OTHER MECHANICAL ACTIONS):

Eye Protection = safety glasses with sideshields.

Protective Gloves = nitrile gloves.

Respiratory Protection = NIOSH approved respirator with HEPA cartridges, if OSHA PEL for lead is exceeded.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A

APPEARANCE / ODOR: N/A

VAPOR PRESSURE: N/A

MELTING POINT: N/A

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

SOLUBILITY: (Water: N/A)

SPECIFIC GRAVITY: (Water = 1) N/A

SECTION X: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: N/A

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/A

SECTION XI: TOXICOLOGICAL INFORMATION

CARCINOGENICITY: None known at this time

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known

SECTION XII: ECOLOGICAL INFORMATION

Lead and its compounds can pose a threat if released to the environment. See Waste disposal method in Section XIII.

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of used lead plated bolt assemblies in accordance with local and federal law. Contact your local C&D sales representative for more information.

Hazardous Waste Codes: D008

SECTION XIV: TRANSPORT INFORMATION

NOT APPLICABLE

SECTION XV: REGULATORY INFORMATION

See 29 CFR 1910.268(b)(2)

SECTION XVI: OTHER INFORMATION

The information herein is given in good faith, but no warranty, expressed or implied, is made.

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