



OCEAN² Network
EMERGENCY PHONE 1-800-OLIN-911

MATERIAL SAFETY DATA

**SYRACUSE
INDUSTRIAL SALES**
713 E. FAYETTE ST.
SYRACUSE, NY 13210
(315) 478-5751

SECTION I - IDENTIFICATION

CHEMICAL NAME & SYNONYMS Power Tool Loads 22, 25, 27 Caliber		
CHEMICAL FAMILY Not Applicable	FORMULA Not Applicable	TRADE NAME Not Applicable
DESCRIPTION 22, 25, 27 Caliber construction tool propellant Containers		CAS NO. Not Assigned

SECTION II - NORMAL HANDLING PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Do not take contents internally. If cartridge is damaged, avoid contact of contents with eyes, skin or clothing. Upon contact with skin or eyes, wash off with water. Avoid breathing dust. Avoid breathing fumes during discharge. Store in a cool, dry, well-ventilated place away from all sources of ignition. Avoid contact with oxidizers. Do not subject the material to percussion or shock in handling, storage or use. *Follow OSHA regulation CFR 1910.1025.	
PROTECTIVE EQUIPMENT Eyes Goggles Gloves None normally required Other Hearing protection recommended during discharge	VENTILATION REQUIREMENTS Local mechanical exhaust ventilation recommended to keep airborne concentrations below P.E.L. in confined space discharging.

SECTION III - HAZARDOUS INGREDIENTS

BASIC MATERIAL	OSHA PEL	LD 50	LC 50	
*Lead (See Section II)	0.05 mg/m ³	TDLO: 450 mg/kg/6 yr. (oral-woman)	TCLO: 0.010 mg/m ³ (inh-human)	Eye irritation. Inhalation of dust or fumes affects nervous, urinary, reproductive and hematologic systems and developmental toxicity to the fetus.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT METHOD Not Applicable	OSHA CLASSIFICATION Explosive	FLAMMABLE EXPLOSIVE LIMITS	LOWER N/A	UPPER N/A
EXTINGUISHING MEDIA Water deluge. Flood with water to fight fire and to cool exposed casings.				
SPECIAL FIRE HAZARD & FIRE FIGHTING PROCEDURES Fight fire from an explosion resistant location. In advanced or massive fires the area should be evacuated. Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE Inorganic lead - air: 0.15 mg (Pb)/m ³ (1986-87).	
SYMPTOMS OF OVER EXPOSURE Eye irritation. Inhalation of dust or fumes affects nervous, urinary, reproductive and hematology systems, and developmental toxicity to the fetus.	
EMERGENCY FIRST-AID PROCEDURES	
SKIN	Contact of skin with cartridge presents no health hazard.
EYES	Immediately flush with water. If an irritation develops, call a physician.
INGESTION	Ingestion is not a possible route of exposure.
INHALATION	Immediately remove victim to fresh air.

CHEMICAL NAME Power Tool Loads
22, 25, 27, Caliber

SECTION VI - TOXICOLOGY (Product)

ACUTE ORAL LD 50	Not applicable	CARCINOGENICITY	Not carcinogenic
ACUTE DERMAL LD 50	> 2 g/kg (rabbit)	MUTAGENICITY	May be mutagenic
ACUTE INHALATION LC 50	No data	EYE IRRITATION	May be an irritant
		PRIMARY SKIN IRRITATION	Not an irritant
PRINCIPAL ROUTES OF ABSORPTION			
Inhalation of gases from firing, dermal contact.			
EFFECTS OF ACUTE EXPOSURE			
Eye irritation. Inhalation of dust or fumes affects nervous, urinary, reproductive and hematology systems, and developmental toxicity to the fetus.			
EFFECTS OF CHRONIC EXPOSURE			
Anemia, central nervous system depression, toxicity to kidney, reproductive system and fetus.			

SECTION VII - SPILL AND LEAKAGE PROCEDURES (Control Procedures)

ACTION FOR MATERIAL RELEASE OR SPILL

If containers are damaged, wear NIOSH/MSHA approved dust respirator. Follow OSHA regulations for respirator use. (See 29 CFR 1910.134). Wear goggles and impervious gloves. Remove all sources of ignition. Minimize powder contamination. Use non-sparking utensils during cleanup. Clean up and place in an approved DOT container labeled "Small Arms Ammunition". Isolate and do not seal. Wash all contaminated clothing before reuse. In the event of a large spill use the emergency telephone number shown on the front of this sheet.

TRANSPORTATION EMERGENCY, CONTACT CHEMTREC 800-424-9300

WASTE DISPOSAL METHOD

Dispose of contaminated product, empty containers and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state, and local regulatory agencies to ascertain proper disposal procedures.

SECTION VIII - SHIPPING DATA

D.O.T. CLASS Class C explosive

SECTION IX - REACTIVITY DATA

STABLE	<input checked="" type="checkbox"/> UNSTABLE	AT _____ °C _____ °F	HAZARDOUS POLYMERIZATION	MAY OCCUR
				WILL NOT OCCUR <input checked="" type="checkbox"/>
CONDITIONS TO AVOID Heat, static electricity, drying, impact, shock				
INCOMPATIBILITY (Material to Avoid) Acids, alkalis, chlorinated hydrocarbons, oxidizing materials				
HAZARDOUS DECOMPOSITION PRODUCTS Lead fumes, carbon monoxide				

SECTION X - PHYSICAL DATA

MELTING POINT	N/A	VAPOR PRESSURE	N/A	VOLATILES	N/A
BOILING POINT	N/A	SOLUBILITY IN WATER	N/A	EVAPORATION RATE	N/A
SPECIFIC GRAVITY (H ₂ O = 1)	N/A	pH	N/A	VAPOR DENSITY (AIR = 1)	N/A

INFORMATION FURNISHED BY: Environmental Hygiene and Toxicology Department
(203) 789-5436

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Department of Environmental Hygiene and Toxicology
(203) 789-5436