

MATERIAL SAFETY DATA SHEET

Product Identity: **RCBS DRY CASE NECK LUBE**
Product Stock Number: 90377

Distributed by: Ammunition Accessories, Inc.
RCBS Operation
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Oroville, CA 95965
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MSDS #:211
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Date of Preparation: November 20, 2002
Supersedes MSDS Dated: March 6, 1995
CHEMTREC: 800-424-9300

SECTION I - PRODUCT INFORMATION

TRADE NAME: RCBS DRY CASE NECK LUBE
CHEMICAL NAME & SYNONYMS: (Silicate, Mica) Muscovite Mica, Micro Mica, Dry Ground Mica
C.A.S.REGISTRY #: 12001-26-2 (Listed as Silicate, Mica)
CHEMICAL FAMILY: Silicate Minerals
FORMULA: $KAl_2Si_3O_{10}(OH)_2 \cdot 5H_2O$

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS #</u>	<u>PERCENT</u>	<u>TLV LEVEL/PEL LEVEL</u>
Mica	12001-26-2	95 to 99.9%	20 mppcf OSHA 3 mg/M ³ ACGIH (1)
Quartz	14808-60-7	0.1 to 5%	0.1 mg/M ³ (ref 1) 0.1 mg/M ³ /(SiO ₂ + 2) (ref 2)

- (1) Respirable Dust – See Threshold Limit Value and Biological Exposure Indices for 1991-1992.
(2) Respirable Quartz – See 29 CFR 1910.1000 Table Z-1-A, Air Contaminants.

SECTION III - PHYSICAL DATA

BOILING POINT (DEG F): NA SPECIFIC GRAVITY: (Approx. 1.8 g/cc)
FREEZING POINT (DEG C): NA VISCOSITY: NA
VAPOR DENSITY (AIR=1): NA EVAPORATION RATE (nBuAc=1):NA
MELTING POINT: Decomposes without melting near
1000° C (1832° F)
SOLUBILITY IN WATER: Insoluble
PHYSICAL STATE (60 DEG F): Solid DENSITY: 2.7 – 3.8 g/cm³
PERCENT VOLATILE BY VOLUME: NA pH: NA
VAPOR PRESSURE @ 20° C: NA
APPEARANCE & ODOR: Odorless white powder

NA = Not Applicable
ND = Not Determined

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NA AUTO IGNITION TEMP: NA
FLAMMABLE LIMITS IN AIR, % BY VOLUME: Non-combustible product.
EXTINGUISHING MEDIA: Use means suitable to extinguish surrounding fire. Carbon dioxide, foam or dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: TWA: 3 mg/m³ Mica; 0.1 mg/M³ Quartz

PRIMARY ROUTE OF EXPOSURE: Inhalation.

EFFECTS OF OVEREXPOSURE (ACUTE):

EYE CONTACT: This substance is a possible eye irritant.

INHALATION: Respirable particles of quartz are hazardous to inhale.

EFFECTS OF OVEREXPOSURE (CHRONIC):

EYES: Irritant to eyes.

RESPIRATORY IRRITANT: Prolonged inhalation of airborne dust can produce scar tissue in the lungs. This condition is not reversible. Chronic lung damage, scar tissue development in lungs can occur if inhaled over an extended period of time. Follow TLV exposure limits. Probable carcinogen. (See below).

MEDICAL CONDITIONS RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Prior existing lung or respiratory illness.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Flush with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation develops or persists.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If irritation persists, obtain medical attention.

IRRITANCY: Respiratory irritant per OSHA, ACGIH and NIOSH and Canadian WHMIS.

CARCINOGEN CONTENT

This product contains >0.1% silica and is therefore classed as a probable carcinogen. The International Agency for Research on Cancer (IARC 43, 1987) has concluded that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals and limited evidence for the carcinogenicity to humans. Based on this and OSHA requirements, this necessitates the classification of the product as a probable carcinogen. This must be done with no regard as to whether or not the contained silica is in the hazardous respirable size range.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE UNSTABLE

CONDITIONS TO AVOID: NA.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: NA

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

SECTION VII - SPILL & DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wet with water to reduce dusting and collect in a suitable container for reclamation or disposal.

WASTE DISPOSAL METHOD: Disposal must be in accordance with Federal, State, and Local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

CONSULT SAFETY EQUIPMENT DISTRIBUTOR

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respirator when adequate ventilation is not available.

PROTECTIVE GLOVES: None needed.

EYE PROTECTION: Safety glasses or goggles are recommended.

PROTECTIVE CLOTHING OR FOOT WEAR: No special type indicated.

SECTION IX - STORAGE & HANDLING PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed.

PRECAUTIONS DURING USE: Do not breathe dust and avoid getting in eyes. Use with adequate ventilation. Drying and/or grinding may increase dusting hazards. Control dust levels in the work place. Wash hands before eating, drinking, or smoking after use of any chemical.

SECTION X - TRANSPORTATION & REGULATORY INFORMATION

PROPER SHIPPING NAME: Not regulated
IDENTIFICATION #: None

Class: None
Label: None

HMIS Ratings	HMIS RATING KEY	PRODUCT NAME	STOCK NUMBER
	4 Severe Hazard	RCBS Dry Case Neck Lube	90377
HEALTH 0	3 Serious Hazard		
FLAMMABILITY 0	2 Moderate Hazard		
REACTIVITY 0	1 Slight Hazard		
Dust Mask	0 Minimal Hazard		

SARA III Section 313: This product does not contain any toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

SARA III Section 311: Immediate (Acute)

CERCLA, 40 CFR Part 302 Table 302.4: Not Listed. Section 302: Not listed.

California Proposition 65: This product does not contain any chemicals specifically on this list.

RCRA: Not regulated.

For chemical emergency, spill, leak, fire, exposure or accident call:

Inside US: CHEMTREC: 1-800-424-9300. **DAY OR NIGHT**

Outside US: CHEMTREC: 010-202-483-7616. **DAY OR NIGHT**

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