

CCI / SPEER

MATERIAL SAFETY DATA SHEET



SECTION 1. MANUFACTURER INFORMATION

MANUFACTURED BY: CCI/SPEER

ADDRESS: 2299 Snake River Avenue
Lewiston, Idaho 83501

TELEPHONE #: (208) 746-2351 (24 HOURS)

EMERGENCY CONTACT: Chief Chemist or Safety Department

TRANSPORTATION EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

MSDS DATE: 10/01/92 REVIEW DATE 01/02/03 REVISION DATE 07/05/2005

SECTION 2. PRODUCT INFORMATION

PRODUCT NAME: Rifle, Pistol Primers - CLEAN FIRE

SYNONYMS: NA

FORMULA NA C.A.S.# NA

DOT PROPER SHIPPING NAME: Primers, Cap Type

UNITED NATIONS (UN) DESIGNATION: 0378 HAZARD CLASSIFICATION: 1.4B

NFPA: HEALTH: FLAMMABILITY: REACTIVITY: SPECIAL: EXPLOSIVE

HAZARDOUS INGREDIENTS PERCENT CAS NUMBER UEL/LEL EXPOSURE LIMITS

Copper *	60-75 %	7440-50-8	NE	1 MG/M ³
Zinc *	20-30 %	7440-66-6	NE	5 MG/M ³ (Resp. Dust)
Diazodinitrophenol (DDNP)	3-5 %	4682-03-5	NE	NA
Strontium Nitrate	1-2 %	10042-76-9	NE	NA
Nitrocellulose	1-2 %	9004-20-0	NE	NA
Nickel +	< 1%	7440-02-2	NE	1 MG/M ³

NA = NOT AVAILABLE NE = NOT ESTABLISHED MG/M³ = MILLIGRAMS PER CUBIC METER OF AIR
PPM = PARTS PER MILLION REFERENCE OSHA 29 CFR 1910.1000 TABLE Z-1

(*) INDICATES TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR 372.

(+) CERTAIN COMPONENTS LISTED IN THE INGREDIENTS SECTION INCLUDE CASE MATERIAL, PROJECTILE OR OTHER INERT COMPONENTS AND ARE NOT EXPECTED TO BE AN EXPOSURE HAZARD UNDER NORMAL HANDLING CONDITIONS.

(+) NICKEL CONCENTRATION LISTED IN SECTION #2 IS THE NICKEL PLATING ON THE PRIMER CUP AND IS NOT LIKELY TO BE A HEALTH HAZARD UNDER NORMAL HANDLING CONDITIONS.

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EMERGENCY CONTACT: Chief Chemist or Assistant Safety Manager

TRANSPORTATION EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

MSDS DATE: 11/13/95 **REVIEW DATE:** 10/06/04 **REVISION DATE:** 09/21/05

SECTION 2. PRODUCT INFORMATION

PRODUCT NAME: Rifle, Pistol Primers - LEAD-FREE

SYNONYMS: NA

FORMULA NA **C.A.S.#** NA

DOT PROPER SHIPPING NAME: Primers, Cap Type

UNITED NATIONS (UN) DESIGNATION: 0044 **HAZARD CLASSIFICATION:** 1.4S

NFPA: **HEALTH:** **FLAMMABILITY:** **REACTIVITY:** **SPECIAL:** EXPLOSIVE

<u>HAZARDOUS INGREDIENTS</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>UEL/LEL</u>	<u>EXPOSURE LIMITS</u>
Copper *	60-75 %	7440-50-8	NE	1 MG/M ³
Zinc *	20-30 %	7440-66-6	NE	5 MG/M ³ (Resp. Dust)
Diazodinitrophenol (DDNP)	3-5 %	4682-03-5	NE	NA
Nitrocellulose	1-2 %	9004-20-0	NE	NA
Barium Nitrate *	1-2 %	10022-31-8	NE	.5 MG/M ³
*Nickel +	< 1%	7440-02-2	NE	1 MG/M ³

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EMERGENCY CONTACT: Chief Chemist or Safety Department

TRANSPORTATION EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

MSDS DATE: 06/01/94 REVIEW DATE: 09/30/04 REVISION DATE: 06/13/05

SECTION 2. PRODUCT INFORMATION

PRODUCT NAME: Rifle, Pistol Bullets and Round Balls

SYNONYMS: NA

FORMULA NA C.A.S.# NA

DOT PROPER SHIPPING NAME: NA

UNITED NATIONS (UN) DESIGNATION: NA HAZARD CLASSIFICATION: NA

NFPA: HEALTH: FLAMMABILITY: REACTIVITY: SPECIAL: EXPLOSIVE

HAZARDOUS INGREDIENTS PERCENT CAS NUMBER UEL/LEL EXPOSURE LIMITS

Lead * +	90-100 %	7439-92-1	NE	.05 MG/M ³
Antimony * +	0-5 %	7440-36-0	NE	.5 MG/M ³
Copper * +	0-20 %	7440-50-8	NE	1 MG/M ³
Zinc * +	0-5 %	7440-66-6	NE	5 MG/M ³ (Resp. Dust)
Tin +	< 1 %	7440-31-5	NE	2 MG/M ³

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MSDS DATE: 03/01/90 REVIEW DATE 10/06/04 REVISION DATE 06/13/05

SECTION 2. PRODUCT INFORMATION

PRODUCT NAME: Rifle, Pistol Primers

SYNONYMS:

FORMULA NA C.A.S.# NA

DOT PROPER SHIPPING NAME: Primers, cap type

UNITED NATIONS (UN) DESIGNATION: 0044 HAZARD CLASSIFICATION: 1.4S

NFPA: HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0 SPECIAL: EXPLOSIVE

HAZARDOUS INGREDIENTS **PERCENT** **CAS NUMBER** **UEL/LEL** **EXPOSURE LIMITS**

Lead Styphnate *	.1-1.75 %	15245-44-0	NE	.05 mg/m ³
Barium Nitrate *	.1-1.50 %	10022-31-8	NE	.5 mg/m ³
Copper (Primer Cup Component)*	60-70 %	7440-50-8	NE	1 mg/m ³
Zinc Compounds (Primer Cup Component)*	2-30 %	7440-66-6	NE	5 mg/m ³ (ACGIH)

NA = NOT AVAILABLE NE = NOT ESTABLISHED MG/M3 = MILLIGRAMS PER CUBIC METER OF AIR
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