

Bluepoint Fastening Inc.

MATERIAL SAFETY DATA SHEET Date of Issue: 11/20/08 10 Pages in total

EMERGENCY PHONE: +86-15002373257 (China) 877-779-2583 or 909-827-1422 (U.S.A)

THIS MATERIALS SAFETY DATA SHEET(MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. THIS PRODUCT MAY BE CONSIDERED TO BE A HAZARDOUS CHEMICAL UNDER THAT STANDARD. (REFER TO THE OSHA CLASSIFICATION IN SEC.I.) THIS INFORMATION IS REQUIRED TO BE DISCLOSED FOR SAFETY IN THE WORKPLACE. THE EXPOSURE TO THE COMMUNITY, IF ANY, IS QUITE DIFFERENT.

I. PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER	Bluepoint Fastening Inc. Emergency call: +86-15002373257 (China) 877-779-2583 or 909-827-1422 (U.S.A)
PRODUCT NAME	Cartridges, Power Devices
SYNONYMS	"Rimfire Cartridge for Power Device, 22, 25, 27 Caliber Powertool Round, Power Load"
CHEMICAL FAMILY	Not Applicable
FORMULA	Not Applicable
HAZARDOUS CLASSIFICATION	EXPLOSIVE UN 0323 1.4S PGII
PRODUCT USE	Powertool Loaded Round

II. HAZARDOUS IDENTIFICATION

CAUTION!

EXPLOSIVE. KEEP AWAY FROM HEAT. DO NOT SUBJECT TO MECHANICAL SHOCK. PARTICLES FROM FIRING MAY BE HARMFUL IF INHALED. DO NOT TAKE INTERNALLY.

RISK

Risk of explosion by shock friction fire

SAFETY

Avoid shock and friction or other sources of ignition.
Keep out of reach of children.

HAZARD RATINGS (for dust or fume)

Hazardous Materials Identification System (HMIS)

Degree of hazard (0 = low, 4 = extreme)

Health: 0 Flammability: 0 Physical Hazard:
Explosive: 2

National Fire Protection Association (NFPA)

Mixture. Not rated.

III. COMPONENTS DATA

Product Composition

Consists of the following four components:

Bluepoint Fastening Inc.

MATERIAL SAFETY DATA SHEET Date of Issue: 11/20/08 10 Pages in total

Component	Percent	Product
A) Shellcase	77-84%	Steel
B) Propellant	11-18%	Smokeless
C) Priming mix / Primer	2-6%	
D) Paper Wad		None hazardous product.

Additional information may be obtained from the manufacturer for any component of interest. Quote the relevant component code number if applicable.

All percent compositions specified below are based on the entire product.

A) Shellcase

CAS or CHEMICAL NAME	Steel				
CAS NUMBER	12597-69-2				
PERCENT RANGE	75-84%				
HAZARDOUS PER 29 CFR 1910.2000	Yes (As dust or fume)				
EXPOSURE STANDARDS		OSHA (PEL)		AGGIH(TLV)	
		ppm	Mg/m ³	ppm	Mg/m ³
	TWA	N/A	1 (dust, fume) 0.1 (fume)	N/A	1 (dust, fume) 0.2 (fume)
	CEILING	None	None	None	None
	STEL	None	None	None	None

CAS or CHEMICAL NAME	Copper				
CAS NUMBER	7440-50-8				
PERCENT RANGE	1-3%				
HAZARDOUS PER 29 CFR 1910.2000	Yes (As dust or fume)				
EXPOSURE STANDARDS		OSHA (PEL)		AGGIH(TLV)	
		ppm	Mg/m ³	ppm	Mg/m ³
	TWA	N/A	15 (dust, fume) 5 (fume)	N/A	10 (dust, fume) 5 (fume)
	CEILING	None	None	None	None
	STEL	None	None	None	10-fume

B) Propellant

CAS or CHEMICAL NAME	Nitrocellulose				
CAS NUMBER	9004-70-0				
PERCENT RANGE	8-13%				
HAZARDOUS PER 29 CFR 1910.2000					
EXPOSURE STANDARDS	Not established				

Bluepoint Fastening Inc.

MATERIAL SAFETY DATA SHEET Date of Issue:11/20/08 10 Pages in total

CAS or CHEMICAL NAME	Nitroglycerine				
CAS NUMBER	55-63-0				
PERCENT RANGE	4-7%				
HAZARDOUS PER 29 CFR 1910.2000	Yes				
EXPOSURE STANDARDS		OSHA (PEL)		AGGIH(TLV)	
		ppm	Mg/m ³	ppm	Mg/m ³
	TWA	N/A	None	0.05	0.46 (skin)
	CEILING	0.2	1.0 (skin)	None	None
	STEL	None	None	None	10-fume

CAS or CHEMICAL NAME	Dibutyl Phthalate				
CAS NUMBER	84-74-2				
PERCENT RANGE	0.5-2%				
HAZARDOUS PER 29 CFR 1910.2000	Yes				
EXPOSURE STANDARDS		OSHA (PEL)		AGGIH(TLV)	
		ppm	Mg/m ³	ppm	Mg/m ³
	TWA	None	5	None	5
	CEILING	None	None	None	None
	STEL	None	None	None	None

C) Priming mix / Primer

CAS or CHEMICAL NAME	Copper
CAS NUMBER	7440-50-8
PERCENT RANGE	0-5%
EXPOSURE STANDARDS	See copper above

CAS or CHEMICAL NAME	Zinc
CAS NUMBER	7440-66-6
PERCENT RANGE	0-2%
EXPOSURE STANDARDS	Not established

CAS or CHEMICAL NAME	Lead Styphnate				
CAS NUMBER	15245-44-0				
PERCENT RANGE	0-1%				
HAZARDOUS PER 29 CFR 1910.2000	Yes				
EXPOSURE STANDARDS As Inorganic lead(See 29 CFR 1910.1025)		OSHA (PEL)		AGGIH(TLV)	
		ppm	Mg/m ³	ppm	Mg/m ³
	TWA	N/A	0.05	N/A	0.05
	CEILING	None	None	None	None
	STEL	None	None	None	None
	ACTION LEVEL	None	0.03	None	None

CAS or CHEMICAL NAME	Barium nitrate
----------------------	----------------

