SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION					
PRODUCT NAME: eXact iMpact 40mm Spon	ige Round				
PRODUCT NUMBER: 6325	1	DATE:	March 15, 2010		
TRADE NAME: eXact iMpact 40mm Sponge Round					
GENERAL USE: Impact Round					
CHEMICAL FAMILY Inert Projectile + Primer/Powder					
PRODUCT DESCRIPTION:	DEFEN	SE TECHNIO			
Round Containing Sponge/ Powder Charge / Primer	DEFEN	SE TECHNO	LOGI		
(Explosive Device) MANUFACTURED FOR:	DATE PREPARED:	March 15, 2010			
Safariland L.L.C.	SUPERSEDES:	July 30, 2008			
ADDRESS (NUMBER, STREET, P.O. BOX)	TELEPHONE NUMBER FOR		stomer Service		
13386 International Parkway		904-741-5400			
(CITY, STATE AND ZIP CODE) COUNTRY	CHEMTEL 24-HOUR	R EMERGENCY TELEI	PHONE NUMBER		
Jacksonville, FL 32218 USA		1-800-255-3924	01-813-248-0585		
		North America Toll F	ree International		
	HAZARDS IDENTIFICA	TION			
EMERGENCY OVERVIEW					
CAUTION! EXPLOSIVE/DEFLAGRATING (FAST	RURN RATE) PRODU	CT ΚΕΕΡ ΔWΔΥΙ	FROM HEAT DO		
•	-				
NOT SUBJECT TO MECHANICAL OR ELECTRI					
SHRAPNEL AT HIGH VELOCITIES. PARTICLES	FROM FIRING MAY BE	E HARMFUL IF INH	IALED. DO NOT		
TAKE INTERNALLY. COMPONENTS MAY HARI	M ENVIRONMENT.				
Individual cartridges may ignite if the primer is stru	ck or if the cartridge is ex	vnosed to evcess h	eat. Ovides of		
Barium, Lead, Antimony, Aluminum, Magnesium, N					
also be produced on thermal decomposition.	Milogen, Carbon, and St	anui. Leau anu Anu	mony rumes may		
· · · · ·					
POTENTIAL HEALTH EFFECTS					
INHALATION:					
Both pre and post ignition ingredients are hazardous and cap	bable of producing long term h	nealth effects due prima	arily to the presence of		
zinc, lead, antimony in the product. While normal handling of	the undetonated product pos	es little or no health ha	zards, one should avoid		
inhalation by wearing appropriate respiratory protection when					
when exposed to the post ignition by-products. This product					
completely sealed within. Therefore, under normal handling of					
product is used, particles may be generated which may be sl	lightly irritating to the eyes and	d the respiratory tract.	The particles may contain		
trace amounts of the following harmful substances:					
Lead: Ingestion of large amounts of lead can cause abdomir	nal nain constination cramps	nausea and/or vomitir	ng Chronic		
exposure to lead can cause kidney damage, anemia, reprodu					
damage in humans including changes in cognitive function. It is unlikely that the amount of particles that someone would be exposed to from firing a loaded round would be sufficient to cause any of these effects.					
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: There are no medical conditions known to be aggravated by exposure to this					
product in its solid form. Exposure to lead compounds in the					
SKIN:					
No exposure to chemical hazards anticipated with normal ha	indling procedures.				
EYES:					
No exposure to chemical hazards anticipated with normal ha	indling procedures.				
INGESTION:					
No exposure to chemical hazards anticipated with normal ha		of this product are toxic	by ingestion and in the		
unlikely event this should occur immediate medical attention	is advised.				
CARCINOGENICITY:					
-	Yes-Lead products (2B)	OSHA REGULATED	? Yes-Lead		
CALIFORNIA, Prop.65? Yes, Lead compounds and Antim	ony trioxide formed during	ESIS NOTATION?	Yes		
use of product			100		

PRODUCT NAME: PRODUCT NUMBER:	eXact iMpact 40 6325	mm Sponge Round	DATE	: м	arch 15, 2010
		ON 3 - HAZARDOU			
Powder (	Charge- Product w	vill contain 1 or more	of the following hazardous	components	;
Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15
Nitrocellulose	NR	9004-70-0	NR	E,F	R1, R2, R5 ,R11
Diphenylamine	NR	122-39-4	204-539-4	T,N	R23/24/25, R33, R50/53
Tin Dioxide	NR	18282-10-5	242-159-0	None	None
Graphite	NR	7782-42-5	231-955-3	None	None
3-methyl-1,1-diphenylurea	NR	13114-72-2	236-039-7	None	None
1,3-diethyldiphenylurea	NR	85-98-3	201-645-2	None	None
Nitrosodiphenylamine	NR	86-30-6	201-663-0	None	None
Antimony Sulfide	NR	1345-04-6	231-146-5	Xn, N	R20/22, R51/53
Prim	er - Product will c	ontain 1 or more of th	e following hazardous com	ponents	
Normal Lead styphnate	NR	15245-44-0	239-290-0	E,T,N	R3, R20/22, R33, R50/53, R61, R62
Basic Lead styphnate	NR	12403-82-6	235-642-2	E,T,N	R3, R20/22, R33, R50/53, R61, R62
Lead Azide	NR	13424-46-9	236-542-1	E,T,N	R3, R20/22, R33, R50/53, R61, R62
Lead Thiocyanate	NR	592-87-0	209-774-6	Т	R23/24/25
Nitrocellulose	NR	9004-70-0	NR	E,F	R1, R2, R5 ,R11
Tetracene	NR	109-27-3	203-659-4	E	R3, R5, R20/22
Potassium chlorate	NR	3811-04-9	223-289-7	Xn, O	R9, R20/22
Potassium nitrate	NR	7757-79-1	231-818-8	Xn, O	R8, R36/37/38
Barium nitrate	NR	10022-31-8	233-020-5	Т, О	R8, R23/24/25
Antimony Sulfide	NR	1345-04-6	231-146-5	Xn, N	R20/22, R51/53
Zinc	NR	7440-66-6	231-175-3	N	R17, 50/53
			ore of the following hazardo		
Sponge	NR	NR	NR	NR	NR
Tin	NR	7440-31-5	231-141-8	F, Xi	R11, R36/37/38
Zinc	NR	7440-66-6	231-175-3	N N	R17, 50/53
Chromium	NR	7440-47-3	231-157-5	None	None
Copper	NR	7440-50-8	231-159-6	None	None
		7439-89-6	231-139-6		
Iron Aluminum	NR	7439-89-6	231-096-4	None	None R15,R17
Aiuiiliuii	NR	1423-30-3	231-0/2-3	F	R13,R17

NOTES: This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 1907/2006 (REACH). Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European (GHS) directive 1907/2006 and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directive 67/548/EEC.

	eXact iMpact 40mm Sponge Round		March 45, 2040
PRODUCT NUMBER:	6325 SECTION 4 - FIRST AID M	DATE:	March 15, 2010
INHALATION:	SECTION 4- FIRST AID M		
For symptoms of lung irritatio	n occur (coughing, wheezing or breathing difficulty) m artificial respiration. Keep affected person warm		
EYES:			
Remove contact lenses, then attention if irritation persists.	wash for 15 minutes with clean potable water lifting	g upper and lower lids occas	ionally. Seek medical
SKIN:			
Wash with plenty of soap and medical treatment may be ne	water. Seek medical attention if delayed dermatitis eded for thermal burns.	s develops. For contact with I	ourning (ignited) particles,
INGESTION:			
occurs naturally, have victim	immediately. Do not induce vomiting unless d lean forward to avoid aspiration of regurgitant. Give nediate medical assistance. Never give anything by	e 1-2 glasses of water to victi	m if victim is conscious and
	SECTION 5 - FIRE FIGHTING	MEASURES	
GENERAL HAZARDS:			
explode. Will not mass explore	defined by 29 CFR 1910.1200) Explosive. Can expl de if multiple devices are involved. Burning materia vices under containment. See 2008 Emergency res	I may produce toxic and irrita	ting vapors. Shrapnel may
EXTINGUISHING MEDIA:			
Flood area with water. If no w and let fire burn.	ater is available, carbon dioxide, dry chemical or e	arth may be used. If the fire r	eaches the cargo, withdraw
FIRE FIGHTING PROCEDUF	RES:		
	e fighting equipment. Protection concerns must also tine area for at least 1500 feet from fires involving	•	physical characteristic of this
UNUSUAL FIRE AND EXPLO	DSION HAZARDS:		
If fire reaches cargo, do not fi area for 1500 feet (1/3 mile) i	ght; withdraw personnel to safe distance. Evacuat n all directions.	e all persons, including emer	gency responders from the
HAZARDOUS COMBUSTION	NPRODUCTS:		
Metal Compounds, Carbon M	onoxide, Carbon Dioxide, Nitrous Oxides, Various	complex oxides of metals, N	trogen.
	SECTION 6 - ACCIDENTAL RELE	ASE MEASURES	
STEPS TO BE TAKEN IN CA	SE MATERIAL IS RELEASED OR SPILLED:		
	ON ACCIDENTS, CALL CHEMTEL AT 1-800-255- echanical shock or extreme heat. A spill of this mai		
	SECTION 7 - HANDLING AND	D STORAGE	
PRECAUTIONS TO BE TAKE	EN IN HANDLING AND STORAGE:		
STORAGE: Avoid storage ne Shelf Life Limitations: Not kno Incompatible Materials for Pa	ckaging: None known	-	-
	brage or Transport: Acids, Class A & B explosives, echanical impact or shock, electrical discharge, hig		

PRODUCT NUMBER:	6325	0mm Sponge Round	DATE: March 15, 2010
		OSURE CONTROLS/PERSON	
Hazardous Components	CAS #	ACGIH Exposure Limits	OSHA Exposure Limits
Antimony Sulfide	1345-04-6	0.5 mg/m3	0.5 mg/m3
Arsenic	7440-38-2	0.01 mg/m3	0.01 mg/m3
Copper	7440-50-8	0.2mg/m3 (fume),	0.1mg/m3 (fume)
Diphenylamine	122-39-4	10 mg/m3	10 mg/m3
Glass Powder	65997-17-3	10 mg/m3 (particulate)	15 mg/m3
Graphite	7782-42-5	2 mg/m3	2.5 mg/m3 (respirable dust)
Lead	7439-92-1	0.05mg/m3 (Ceiling)	0.05mg/m3 (Ceiling)
Magnesium Carbonate	546-93-0	NE	15 mg/m3 total , 5 mg/m3 respirable
Manganese	7439-96-5	0.2 mg/m3	5 mg/m3 (Ceiling)
Nickel	7440-02-0	1.5 mg/m3 (respirable)	1 mg/m3
Tin	7440-31-5	2 mg/m3	2 mg/m3
Tin Dioxide	18282-10-5	2 mg/m3	2 mg/m3 (as Tin)
Tungsten	7440-33-7	5 mg/m3 TWA, 10 mg/m3 (STEL)	NE
Components not listed a	bove do not h	ave published exposure limits	from ACGIH or OSHA.
PERSONAL PROTECTIO	N		
RESPIRATORY PROTECTION	:		
		k should be worn while cleaning debris	from weapons
PROTECTIVE GLOVES:	,		
None required for normal handli	ina		
EYE PROTECTION:			
Safety glasses with side shields	required		
		ENT	
OTHER PROTECTIVE CLOTHI			
Local exhaust ventilation is reco	ommended if signi	ficant dusting occurs or fumes are gene	erated. Otherwise, use general exhaust
Local exhaust ventilation is reco ventilation. Use hearing protecti	ommended if signi on with this produ	ficant dusting occurs or fumes are gene	erated. Otherwise, use general exhaust
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE	ommended if signi on with this produ	ficant dusting occurs or fumes are gene lct.	
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni	ommended if signi on with this produ S: ition. DO NOT EA	ficant dusting occurs or fumes are gene lot. T/DRINK/SMOKE WHILE HANDLING F	PRODUCT!!!
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni	ommended if signi on with this produ S: ition. DO NOT EA	ficant dusting occurs or fumes are gene lct.	PRODUCT!!!
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni	ommended if signi ion with this produ S: ition. DO NOT EA SECTION 9 -	ficant dusting occurs or fumes are generat. T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE	PRODUCT!!!
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow	ommended if signi ion with this produ S: ition. DO NOT EA SECTION 9 -	ficant dusting occurs or fumes are generat. T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE ner Not applicable.	PRODUCT!!! PROPERTIES
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH	ommended if signi ion with this produ S: ition. DO NOT EA SECTION 9 -	ficant dusting occurs or fumes are generat. T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE ner Not applicable. SPECIFIC GRAVITY (WA	PRODUCT!!! PROPERTIES
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH Not applicable.	ommended if signi ion with this produ S: ition. DO NOT EA SECTION 9 -	ficant dusting occurs or fumes are generat. T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE ner Not applicable. SPECIFIC GRAVITY (WAT Not applicable	PRODUCT!!! PROPERTIES
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH Not applicable. MELTING POINT	ommended if signi ion with this produ S: ition. DO NOT EA SECTION 9 -	ficant dusting occurs or fumes are generat. T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE ner Not applicable. SPECIFIC GRAVITY (WA Not applicable SOLUBILITY IN WATER	PRODUCT!!! PROPERTIES TER = 1)
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH Not applicable. MELTING POINT Not applicable.	ommended if signi ion with this produ S: ition. DO NOT EA SECTION 9 -	ficant dusting occurs or fumes are generat. T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE ner Not applicable. SPECIFIC GRAVITY (WA Not applicable SOLUBILITY IN WATER Insoluble - some component	PRODUCT!!! PROPERTIES TER = 1)
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH Not applicable. MELTING POINT Not applicable. FLASH POINT	ommended if signi ion with this produ S: ition. DO NOT EA SECTION 9 -	ficant dusting occurs or fumes are generat. T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE ner Not applicable. SPECIFIC GRAVITY (WA Not applicable SOLUBILITY IN WATER Insoluble - some componen VISCOSITY	PRODUCT!!! PROPERTIES TER = 1)
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH Not applicable. MELTING POINT Not applicable. FLASH POINT Not applicable.	ommended if signi ion with this produ S: ition. DO NOT EA <b>SECTION 9 -</b> vder Charge / Prin	ficant dusting occurs or fumes are generat. T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE ner Not applicable. SPECIFIC GRAVITY (WA' Not applicable SOLUBILITY IN WATER Insoluble - some componen VISCOSITY Not applicable	PRODUCT!!! PROPERTIES TER = 1) nts are soluble in water
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH Not applicable. MELTING POINT Not applicable. FLASH POINT Not applicable. FLAMMABLE LIMITS	emmended if signi ion with this produ S: ition. DO NOT EA SECTION 9 - vder Charge / Prin	ficant dusting occurs or fumes are generat. T/DRINK/SMOKE WHILE HANDLING I PHYSICAL AND CHEMICAL VAPOR PRESSURE Not applicable. SPECIFIC GRAVITY (WA Not applicable SOLUBILITY IN WATER Insoluble - some componen VISCOSITY Not applicable VAPOR DENSITY (AIR =	PRODUCT!!! PROPERTIES TER = 1) nts are soluble in water
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH Not applicable. MELTING POINT Not applicable. FLASH POINT Not applicable. FLASH POINT Not applicable. FLAMMABLE LIMITS LEL: None UE	emmended if signi ion with this produ S: ition. DO NOT EA SECTION 9 - vder Charge / Prin expLOSIVE!! EL: None	ficant dusting occurs or fumes are generat. T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE Not applicable. SPECIFIC GRAVITY (WA Not applicable SOLUBILITY IN WATER Insoluble - some componen VISCOSITY Not applicable VAPOR DENSITY (AIR = Not applicable.	PRODUCT!!! PROPERTIES TER = 1) nts are soluble in water 1)
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH Not applicable. MELTING POINT Not applicable. FLASH POINT Not applicable. FLAMMABLE LIMITS LEL: None UE AUTOIGNITION TEMPERATUF	emmended if signi ion with this produ S: ition. DO NOT EA SECTION 9 - vder Charge / Prin expLOSIVE!! EL: None	ficant dusting occurs or fumes are generat.  T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE ner Not applicable.  SPECIFIC GRAVITY (WA Not applicable SOLUBILITY IN WATER Insoluble - some componen VISCOSITY Not applicable VAPOR DENSITY (AIR = Not applicable. EVAPORATION RATE (W	PRODUCT!!! PROPERTIES TER = 1) nts are soluble in water 1)
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH Not applicable. MELTING POINT Not applicable. FLASH POINT Not applicable. FLAMMABLE LIMITS LEL: None UE AUTOIGNITION TEMPERATUF NR	EXPLOSIVE!! EL: None	ficant dusting occurs or fumes are generat.  T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE Not applicable. SPECIFIC GRAVITY (WA' Not applicable SOLUBILITY IN WATER Insoluble - some componen VISCOSITY Not applicable VAPOR DENSITY (AIR = Not applicable. EVAPORATION RATE (W Not applicable.	PRODUCT!!! PROPERTIES TER = 1) nts are soluble in water 1)
ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH Not applicable. MELTING POINT Not applicable. FLASH POINT Not applicable. FLASH POINT Not applicable. FLAMMABLE LIMITS LEL: None UE AUTOIGNITION TEMPERATUF NR VOLATILE ORGANIC COMPOU	EXPLOSIVE!! EL: None	ficant dusting occurs or fumes are generat.  T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE Not applicable. SPECIFIC GRAVITY (WA' Not applicable SOLUBILITY IN WATER Insoluble - some componen VISCOSITY Not applicable VAPOR DENSITY (AIR = Not applicable. EVAPORATION RATE (W Not applicable.	PRODUCT!!! PROPERTIES TER = 1) nts are soluble in water 1)
Local exhaust ventilation is reco ventilation. Use hearing protecti WORK / HYGIENIC PRACTICE Avoid breathing fumes from igni APPEARANCE AND ODOR Round Containing Sponge/ Pow pH Not applicable. MELTING POINT Not applicable. FLASH POINT Not applicable. FLAMMABLE LIMITS LEL: None UE AUTOIGNITION TEMPERATUF NR	EXPLOSIVE!! EL: None	ficant dusting occurs or fumes are generat.  T/DRINK/SMOKE WHILE HANDLING F PHYSICAL AND CHEMICAL VAPOR PRESSURE Not applicable. SPECIFIC GRAVITY (WA' Not applicable SOLUBILITY IN WATER Insoluble - some componen VISCOSITY Not applicable VAPOR DENSITY (AIR = Not applicable. EVAPORATION RATE (W Not applicable.	PRODUCT!!! PROPERTIES TER = 1) nts are soluble in water 1)

	eXact iMpact 40mm Spc	•		
PRODUCT NUMBER:	6325 DATE: March 15, 2010 SECTION 10 - STABILITY AND REACTIVITY			
		CONDITIONS TO AVOID:		
STABILITY Stable under normal temperatu	-	Conditions to Avoid. Cartridge may detonate if case is pun	eturad or soverely demaged	
NCOMPATIBILITY (MATERIAL		Cartridge may detonate il case is pui	ictured of severely damaged.	
Acids, Class A & B explosives,	,	<u>26</u>		
HAZARDOUS DECOMPOSITIO				
Nitrogen oxides, carbon monox		vide_lead_dust/fume		
HAZARDOUS POLYMERIZATI		CONDITIONS TO AVOID:		
Will not occur.		None related to polymerization.		
	SECTION 11 T	OXICOLOGICAL INFORMATION		
		Complete Product		
Dral LD <sub>50</sub>	NA			
Dermal LD <sub>50</sub>	NA			
Inhalation LC <sub>50</sub>		ct. Particles generated from use may be irr	itating or slightly toxic	
		as a loaded round. Particulate dusts and		
Irritation	mild respiratory / eye irri		gases from spent round may be a	
	Pr	oduct Components		
Hazardous Components	CAS#	LD50 of Ingredient (Oral, Rat - unless otherwise specified)	LC50 of Ingredient (Inhalation, Rat - unless otherwise specified)	
1,3-diethyldiphenylurea	85-98-3	7809mg/kg	Not Established	
3-methyl-1,1-diphenylurea	13114-72-2	2930mg/kg	Not Established	
Antimony	7440-36-0	7 g/kg	Not Established	
Antimony Sulfide	1345-04-6	7000 mg/kg	Not Established	
Arsenic	7440-38-2	763 mg/kg	Not Established	
Barium nitrate	10022-31-8	355 mg/kg	Not Established	
Basic Lead styphnate	12403-82-6	650 mg/kg	Not Established	
Bismuth	7440-69-9	5000 mg/kg	Not Established	
Boron	7440-42-8	650 mg/kg	Not Established	
Chromium	7440-47-3	5045 mg/kg	Not Established	
Copper	7440-50-8	413 mg/kg (oral, mouse)	> 1000 mg/m3	
Diphenylamine	122-39-4	1120 mg/kg	Not Established	
ron	7439-89-6	30 g/kg	Not Established	
Lead	7439-92-1	Not Established	IARC: Group 2A carcinoge	
Vanganese	7439-96-5	9 gm/kg	Not Established	
Nitrocellulose	9004-70-0	> 5 g/kg	Not Established	
Normal Lead styphnate	15245-44-0	650 mg/kg	Not Established	
Potassium chlorate	3811-04-9	1870 mg/kg	Not Established	
Silicon	7440-21-3	3160 mg/kg	Not Established	
Tetracene	109-27-3	1 – 3 g/kg	Not Established	
	18282-10-5			
Tin Dioxide		>20 gm/kg	Not Established	
Zinc	7440-66-6	> 8,437 mg/kg	Not Established	

**No LD50 or LC50 information is available for the following components:** Aluminum,Calcium Silicide, Charcoal, Glass Powder, Graphite, Lead, Lead Azide, Lead Thiocyanate, Magnesium, Nickel, Nitrosodiphenylamine, Polyester Adipate, Potassium perchlorate, Tin, Tungsten

#### SECTION 12 - ECOLOGICAL INFORMATION

No data is available on this product, but leachates of metal components may be harmful or toxic to aquatic life and waterfowl. Collection and careful disposal of spent rounds is highly advisable. Lead and nickel are expecially problematic when introduced into many ecosystems.

PRODUCT NAME: PRODUCT NUMBER:	eXact iMpact 40mm Spor 6325	nge Round	DATE:	March 15, 2010
	SECTION 13 - D	DISPOSAL CONSIDERA		· · · · ·
WASTE DISPOSAL METHOD: The user of this material has the local, state and federal laws and Residual materials should be tre for disposal of damaged product	regulations regarding treati ated as hazardous. Damagi s.	ment, storage and disposal for ed materials pose a danger to a	hazardous and anyone in the ir	nonhazardous wastes.
SECTION 14 - TRANSPORT INFORMATION				
PROPER SHIPPING NAME: Cartridges For Weapons, Inert Projectile, UN0012				
DOT HAZARD CLASS / Pack Group:	Explosives,1.4S/ II	IATA HAZARD CLASS / Pacl		.4S/pgII, 25Kg Passenger, 00Kg Cargo.
REFERENCE: 49CFR		IMDG HAZARD CLASS:	Explosives,1.	4S/ II
UN / NA IDENTIFICATION NUMBER:	UN0012	RID/ADR Dangerous Goods	Code: E	Explosives,1.4S/ II
LABEL: Explosives 1.4S		UN TDG Class / Pack Group:	E	Explosives,1.4S/ II
HAZARD SYMBOLS:	1.4 XPLOSIVES S 1	Hazard Identification Number	• (HIN): <b>NA</b>	
Note: Transportation informat IATA, EU, United Nations TD covering specific container siz	G, and WHMIS (Canada)	) TDG information manuals f		
	SECTION 15 - F	REGULATORY INFORM	ATION	
TSCA (USA - Toxic Substance	Control Act): Components	are listed under Section8b.		
SARA TITLE III (USA - Supe		,		
Acute Health:		Chronic Health		YES
Fire:	YES	Sudden Releas	se of Pressure	e: YES
Reactive:	NO	(fume or duct) Lood Antimor		
SARA 313 REPORTABLE INGR CERCLA (USA - Comprehensiv <b>R.Q. = 10 lbs.; Antimony, R.Q.</b> <b>micrometers (0.004 inches).</b> California Prop 65, Safe Drinking State Right To Know Laws: <b>This</b>	e Response Compensation = 5000 lbs. (No reporting 9 Water and Toxic Enforcem	a and Liability Act): Copper, R.C is required if diameter of the nent Act of 1986: Lead Compo	Q.= 5000 lbs.; pieces of met unds / Antimo	al is equal to or exceeds 100 ny Trioxide from Use.
State Right To Know Laws: This product contains chemicals listed on the Right-to-Know Laws of CA, FL, MA, MI, MN, NJ, PA, & RI.				
CPR (Canadian Controlled Products Regulations): Exempt under WHMIS regulations as explosive.				
IDL (Canadian Ingredient Disclo		nts are listed in Section 2.		
DSL / NDSL (Canadian Domest	ic Substances List / Non-Do	omestic Substances List): Liste	ed or exempt o	on both CDSL and NDSL.

PRODUCT NAME:	eXact iMpact 40mm Sponge Round				
PRODUCT NUMBER:	6325		DATE:	March 15, 2010	
SECTION 15 - REGULATORY INFORMATION Continued					
EINECS (European Inventory of Existing Commercial Chemical Substances): Referenced.					
WGK Water Quality Index:	NA for product.				
EUROPEAN (GHS) HAZARD SYI	MBOLS				
EU RISK PHRASES	•				
	, friction, fire or other sources of igniti	ion.			
R20/22: Harmful by inhalation a					
R33: Danger of cumulative effect					
	ganisms, may cause long-term advers	se effects in the a	aquatic envi	ronment.	
R61: May cause harm to the un					
R62: Possible risk of impaired f	ertility.				
EU SAFETY PHRASES					
S1/2: Keep locked up and out o					
	u feel unwell, seek medical advice imi	mediately (show	the label wr	iere possible).	
S53: Avoid exposure — obtain s	special instructions before use. iner must be disposed of as hazardou	ic wasto			
	SECTION 16 - OTHER		N		
HMIS HAZARD RATINGS	SECTION 16 - OTHER		N		
HIVIS HAZARD RATINGS	HEALTH:		2	0 = INSIGNIFICANT	
	FLAMMABILITY:		3	1 = SLIGHT	
	PHYSICAL HAZARD:		2	2 = MODERATE	
			-	3 = HIGH	
	Personal Protective Equipmen	nt: B		4 = EXTREME	
<ul> <li>NA - Not Available, ND - Not De NIOSH - National Institute for Occupation OSHA - Occupational Safety and Health</li> <li>Full R-Phrases:R1 Explosive when d friction, fire or other sources of ignitic mixed with combustible material. R11 air. R20 Harmful by inhalation. R20/2: skin and if swallowed. R23/25 Toxic b respiratory system and skin.</li> <li>R40 Limited evidence of a carcinoger damage to health by prolonged expositerm adverse effects in the aquatic er environment.R61 May cause harm to</li> </ul>	onal Safety and Health, NTP - National Toxico h Administration Iry. R2 Risk of explosion by shock, friction, fir on. R5 Heating may cause an explosion. R8 C Highly flammable. R15 Contact with water lif 2 Harmful by inhalation and if swallowed. R22 by inhalation and if swallowed. R33 Danger of hic effect. R43 May cause sensitisation by ski sure if swallowed. R50 Very toxic to aquatic o hironment. R51/53 Toxic to aquatic organism the unborn child. R62 Possible risk of impain	Not Reported logy Program e or other sources of Contact with combus berates extremely fl 2 Harmful if swallow f cumulative effects. n contact. R45 May rganisms. R50/53 V ns, may cause long- ed fertility. R66 Rep	of ignition. R3 stible material ammable gass red. R23/24/25 . R36 Irritating r cause cancer /ery toxic to ac term adverse peated exposu	may cause fire. R9 Explosive when es. R17 Spontaneously flammable in 5 Toxic by inhalation, in contact with to eyes. R36/37/38 Irritating to eyes, r. R48/22 Harmful: danger of serious quatic organisms, may cause long- effects in the aquatic	
cracking. R67 Vapours may cause drowsiness and dizziness. R68 Possible risk of irreversible effects. REVISION SUMMARY:					
REVISION SUMMARY: MSDS Prepared by:					
ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com					
information furnished by the manu confirm in advance of need that responsibility for injury to vendee as stipulated in the data sheet. Fu	is believed to be accurate but is not v ufacturer of the product and manufacture information is current, applicable and suit or third persons proximately caused by inthermore, vendor assumes no responsibili e followed. Any questions regarding this	ers of the compo ed to the circums the material if rea ity for injury cause	nents of the stances of u asonable safe ed by abnorm	product. Users are advised to se. Vendor assumes no ety procedures are not adhered to hal use of this material even if	