

400 Seventh Street, S.W. Washington, D.C. 20590

Pipeline and Hazardous Materials Safety Administration

The US Department of Transportation Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Diamondback Industries, P.O. Box 281, 3824 Williamson Road, Crowley, TX, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

<u>U.N. PROPER SHIPPING NAME AND NUMBER:</u>

Cartridges, oil well, UN0278

U.N. CLASSIFICATION CODE: 1.4C

REFERENCE NUMBER

EX2006110356

PRODUCT DESIGNATION/PART NUMBER P/N's HDO-1500-100, HDO-1687-100, HDO-2125-200, HDO-2500-200, HDO-3500-100, HDO-3500-

200, HDO-3625-100

NOTES:

The following packaging method is assigned: Inner Packaging - Bags, static-resistant plastic, each containing one cartridge. Outer Packaging - UN 4G fiberboard box with corrugated fiberboard liner and pads, each containing not more than ten (10) inner packagings with sufficient dunnage to prevent movement during transport.

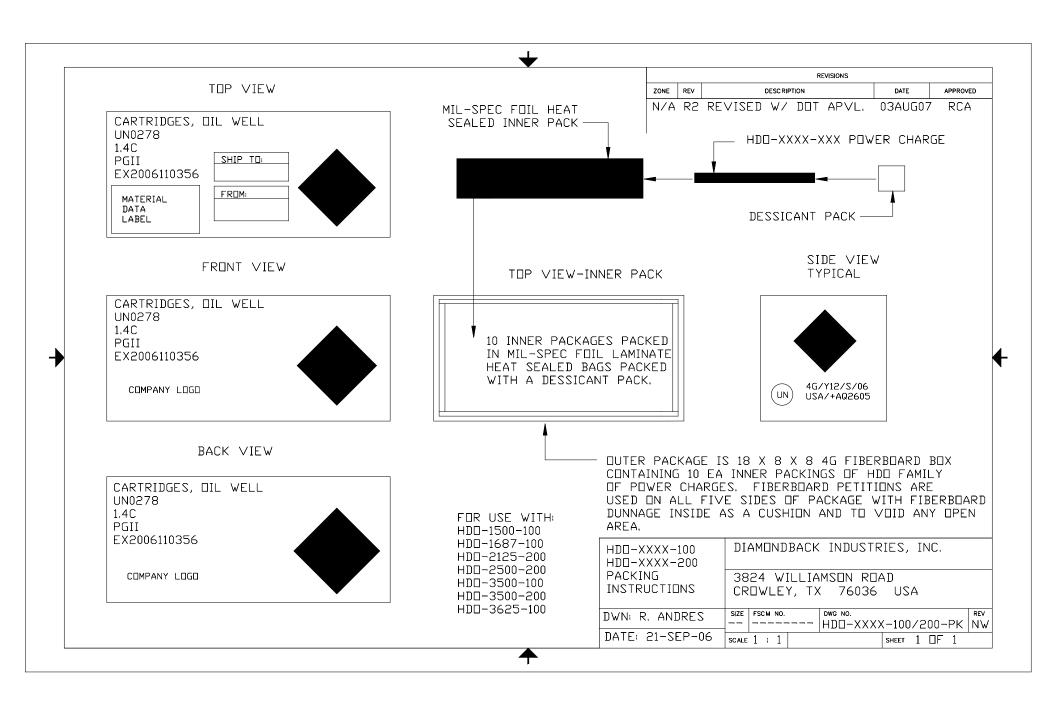
DATED: November 30, 2006

Approved by:

Robert A. McGuire

Associate Administrator for Hazardous Materials Safety

Tracking No: 2006114293





MATERIAL SAFETY DATA SHEET CARTRIDGES, POWER DEVICE 1.4C CARTRIDGES, OILWELL 1.4C

PRODUCT IDENTIFICATION	
PRODUCT NAME POWER CHARGES	
TRADE NAMES AND SYNONYMS	SETTING TOOL POWER CHARGES, CARTRIDGES,
	POWER DEVICE, CARTRIDGES OIL WELL
MANUFACTURER	DIAMONDBACK INDUSTRIES, INC.
TRANSPORTATION EMERGENCY	1-800-255-3924 (24 HOURS – CHEM-TEL)

PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES

THE PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES IS A RESULT OF CAREFUL PLANNING AND OBSERVANCE OF THE BEST KNOWN PRACTICES. THE EXPLOSIVES USER MUST REMEMBER THAT HE IS DEALING WITH A POWERFUL FORCE AND THAT VARIOUS DEVICES AND METHODS HAVE BEEN DEVELOPED TO ASSIST HIM IN DIRECTING THIS FORCE. HE SHOULD REALIZE THAT THIS FORCE, IF MISDIRECTED, MAY EITHER KILL OR INJURE BOTH HIM AND HIS FELLOW WORKERS.

WARNING

ALL EXPLOSIVES ARE DANGEROUS AND MUST BE CAREFULLY HANDLED AND USED FOLLOWING APPROVED SAFETY PROCEDURES EITHER BY OR UNDER THE DIRECTION OF COMPETENT, EXPIRIENCED PERSONS IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, REGULATIONS, OR ORDINANCES. IF YOU HAVE ANY QUESTIONS OR DOUBTS AS HOW TO USE ANY EXPLOSIVE PRODUCT, DO NOT USE IT BEFORE CONSULTING WITH YOUR SUPERVISOR, OR THE MANUFACTURER, IF YOU DO NOT HAVE A SUPERVISOR. IF YOUR SUPERVISOR HAS ANY QUESTIONS OR DOUBTS, HE SHOULD CONSULT WITH THE MANUFACTURER BEFORE USING THE EXPLOSIVE RELATED PROUDCT.

HAZARDOUS COMPONENTS			
MATERIAL OR COMPONENT	CAS No.	TLV	PEL
SODIUM NITRATE	07631-99-4	NE	NE
EPOXY (RESIN)	N/A	NE	NE
EPOXY (HARDNER)	N/A	NE	NE
FLOUR	N/A	NE	NE
PYRODEX (P AND RS GRADE)	N/A	NE	NE
N/A = NOT ASSIGNED NE = NOT ESTABLISHED			

PHYSICAL DATA

METAL OR FIBERBOARD TUBES CONTAINING EPOXY HARDENED POWER CHARGE MIXTURE. STRONG EPOXY ODOR.

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HAZARDOUS REACTIVITY	
INSTABILITY	DETONATES WITH FRICTION, IMPACT, HEAT, LOW LEVEL ELECTRICAL CURRENT, ELECTROSTATIC OR RF ENERGY
INCOMPATIBILITY	ACIDS AND ALKALIS
HAZARDOUS DECOMPOSITION	DETONATION PRODUCES HAZARDOUS FRAGMENTS. GASES PRODUCED MAY CONTAIN CARBON MONOXIDE AND NITROGEN OXIDE.
POLYMERIZATION	POLYMERIZATION WILL NOT OCCUR.

FIRE AND EXPLOSION DATA	
FLASHPOINT	NOT APPLICABLE
EXTINGUISHING MEDIA	NONE. CONTAINS BOTH OXIDIZER AND FUEL AND CANNOT BE READILY EXTINGUISHED. FIRE FIGHTING SHOULD BE LIMITED TO PREVENTING SPREAD OF OTHER FIRES.
SPECIAL FIRE FIGHTING PROCEDURES	DO NOT FIGHT EXPLOSIVE FIRES. TRY TO KEEP FIRE FROM REACHING EXPLOSIVES. ISOLATE AREA. GUARD AREA. DIVISION 1.4C EXPLOSIVES: EVACUATE AREA FOR 1500 FEET
	DIVISION 1.4S EXPLOSIVES: EVACUATE AREA FOR 1500 FEET
UNUSUAL FIRE AND EXPLOSION HAZARDS	MAY DETONATE WITH IMPACT OR HEATING.

HEALTH HAZARDS	
GENERAL	POWER CHARGES DO NOT PRESENT HEALTH HAZARDS IN NORMAL HANDILING AND USE, HOWEVER, THE PRODUCTS ARE DIVISION 1.4C AND 1.4S EXPLOSIVES, AND DETONATION MAY CAUSE SEVERE PHYSICAL INJURY, INCLUDING DEATH. ALL EXPLOSIVES ARE DANGEROUS AND MUST BE HANDLED CAREFULLY AND USED FOLLOWING APPROVED SAFETY PROCEDURES UNDER THE DIRECTION OF COMPETENT, EXPIRIENCED PERSONS IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, REGULATIONS, AND ORDINANCES.
CARCINOGENICITY	NONE OF THE COMPONENTS OF POWER CHARGES ARE LISTED AS A CARCINOGEN BY NTP, IARC, OR OSHA.

FIRST AID	
INHALATION	NOT A LIKELY ROUTE OF EXPOSURE. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK PROMPT MEDICAL ATTENTION.
EYE AND SKIN CONTACT	NOT A LIKELY ROUTE OF EXPOSURE
INGESTION	NOT A LIKELY ROUTE OF EXPOSURE
INJURY FROM DETONATION	SEEK PROMPT MEDICAL ATTENTION

SPILL OR LEAK PROCEDURES	
SPILL/LEAK RESPONSE	USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. ISOLATE AREA AND REMOVE SOURCES OF FRICTION, IMPACT, HEAT, LOW LEVEL ELECTRICAL CURRENT, ELECTROSTATIC OR RF ENERGY. SWEEP UP WITH NON-SPARKING TOOLS AND REMOVE FROM THE AREA.
WASTE DISPOSAL	DISPOSE OF IN COMPLIANCE WITH FEDERAL REGULATIONS UNDER THE AUTHORITY OF THE RESOURCE CONSERVATION AND RECOVERY ACT.

SPECIAL PRECAUTIONS

KEEP AWAY FROM FRICTION, IMPACT, AND HEAT. DO NOT CONSUME FOOD, DRINK, OR TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAMINATED WITH THESE MATERIALS.

SPECIAL PROTECTION INFORMATION	
VENTILATION	USE ONLY WITH ADEQUATE VENTILATION
RESPIRATORY	NIOSH APPROVED PARTICLE MASKS FOR DUST AND MIST
EYE	SAFETY GLASSES OR GOGGLES
GLOVES	NORMAL WORK GLOVES
OTHER	NONE

STORAGE CONDITIONS
STORE IN ACCORDANCE WITH THE REQUIREMENTS OF SUBPART K, ATF: EXPLOSIVES LAW AND REGULATIONS

SHIPPING INFORMATION		
PROPER SHIPPING NAME	CARTRIDGES, POWER DEVICE OR CARTRIDGES, OIL WELL	
HAZARD CLASS	1.4C	
UN NUMBER	1.4C UN0278 1.4C UN0276	
DOT LABEL & PLACARD	DOT LABEL EXPLOSIVE 1.4C DOT PLACARD EXPLOSIVE 1.4 DOT LABEL EXPLOSIVE 1.4C DOT PLACARD EXPLOSIVE 1.4	

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BASED UPON AVAILABLE DATA AND BELIEVED TO BE CORRECT, HOWEVER, AS SUCH HAS BEEN OBTAINED FROM VARIOUS SOURCES, INCLUDING THE MANUFACTURER AND INDEPENDENT LABORATORIES, IT IS GIVEN WITHOUT WARRANTY OR REPRESENTATION THAT IT IS COMPLETE, ACCURATE, AND CAN BE RELIED UPON. DIAMONDBACK INDUSTRIES, INC. HAS NOT ATTEMPTED TO CONCEAL IN ANY MANNER THE DELETERIOUS ASPECTS OF THE PRODUCT LISTED HEREIN, BUT MAKES NO WARRANTY AS TO SUCH. FURTHER, DIAMONDBACK INDUSTRIES, INC. CANNOT ANTICIPATE NOR CONTROL THE MANY SITUATIONS IN WHICH THE PRODUCT OR THIS INFORMATION MAY BE USED. THERE IS NO GUARANTEE THAT THE HEALTH AND SAFETY PRECAUTIONS SUGGESTED WILL BE PROPER UNDER ALL CONDITIONES. IT IS THE SOLE RESPONSIBILITY OF EACH USER OF THE PRODUCT TO DETERMINE AND COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE LAWS AND REGULATIONS REGARDING ITS USE. THIS INFORMATION IS GIVEN SOLELY FOR THE PURPOSES OF SAFETY TO PERSONS AND PROPERTY. ANY OTHER USE OF THIS INFORMATION IS EXPRESSLY PROHIBITED.

FOR FURTHER INFORMATION CONTACT: Robert C. Andres

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