

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: American Pioneer® Powder, American Pioneer® Powder STICKS® Compressed Charges, American Pioneer® Powder SUPER STICKS™ Compressed Charges, Jim Shockey's™ GOLD™, Jim Shockey's™ GOLD™ STICKS® Compressed Charges, Jim Shockey's™ GOLD™ SUPER STICKS™ Compressed Charges - PAGE: 1

## SECTION 1 - MATERIAL IDENTIFICATION

PRODUCT NAME: American Pioneer® Powder, American Pioneer® Powder STICKS® Compressed Charges, American Pioneer® Powder SUPER STICKS™ Compressed Charges, Jim Shockey's™ GOLD™, Jim Shockey's™ GOLD™ STICKS® Compressed Charges, Jim Shockey's™ GOLD™ SUPER STICKS™ Compressed Charges

MANUFACTURER: American Pioneer Powder, Inc.  
1475 Blair Road (P.O. Box 157)  
Whitewater, CO 81527  
Telephone Number 888-756-7693

EMERGENCY TELEPHONE NUMBER: 1-800-255-3924

DATE PREPARED: May 2010

CAS CHEMICAL NAME: Mixture

## SECTION 2 - HAZARDOUS INGREDIENTS

CAS Number and Chemical Name	%	OSHA PEL range	TWA (ppm)	ACGIH STEL (ppm)	TLV TWA (ppm)	STEL ppm)
Proprietary Information		60-70	none	none	none	none

## SECTION 3 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: granular or compressed charges

COLOR: grayish or grayish black

ODOR: no odor

TYPICAL PHYSICAL DATA:

pH (1% solution): Not applicable

VAPOR PRESSURE (mbar): Not applicable

VAPOR DENSITY (Air = 1): Not applicable

BOILING POINT: Not determined

FREEZING/MELTING POINT: Not determined

SOLUBILITY IN WATER: < 10%

SPECIFIC GRAVITY (Water = 1): Not determined

EVAPORATION RATE (Butylacetate = 1): No Data

## SECTION 4 - FIRE AND EXPLOSION DATA

CHARACTERISTICS: Flash Point: NA  
Upper Explosion Limit (UEL): NA  
Lower Explosion Limit (LEL): NA  
Autoignition Temperature: 670 degree F  
Flash Point Method(s): NA

EXTINGUISHING MEDIA: If involved in a fire, use water spray.

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## SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

## UNUSUAL FIRE AND EXPLOSION HAZARDS:

Upon decomposition this material releases oxygen which, if confined, can increase explosive limits and burning rate of flammable vapors and organic materials. If large quantities are involved in a fire, nitrates may melt and the molten material may scatter if water is applied.

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## SECTION 5 - REACTIVITY HAZARD DATA

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CHEMICAL STABILITY: Stable [ X ] Unstable [ ]

CONDITIONS TO AVOID: Avoid storage at temperatures above 150 degrees F.

INCOMPATIBILITY (Materials to Avoid): Combustible materials such as wood, cloth, or organic materials. Can react violently with reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS (from burning, heating, or reaction with other materials): Liberates very toxic fumes of Nitrogen Oxides and K<sub>2</sub>O with thermal decomposition.

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## SECTION 6 - HEALTH HAZARDS

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### EMERGENCY OVERVIEW

NFPA HEALTH RATING 1 FLAMMABILITY 3 REACTIVITY 3

HMS HEALTH RATING 1 FLAMMABILITY 0 REACTIVITY 0

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ROUTES OF EXPOSURE: Ingestion, Skin Absorption, Inhalation, Eyes

### SIGNS AND SYMPTOMS OF EXPOSURE:

Ingestion: Swallowing causes irritation of the mouth and gastrointestinal tract. Large doses may have serious and even fatal effects. Symptoms include dizziness, abdominal cramps, vomiting, bloody diarrhea, weakness, general depression, headache, and mental impairment.

Skin Contact: Prolonged or repeated contact with powder may irritate the skin.

Inhalation: Breathing dust may irritate the nose, throat, respiratory tract, and cause coughing and chest discomfort.

Eyes: Powder may cause irritation.

SIGNS AND SYMPTOMS OF EXPOSURE (Chronic effects): Chronic exposures may cause anemia, nephritis, and methemoglobinemia.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Reported.

ACUTE TOXICITY EFFECTS DATA: Oral: Rat LD50 = 5360 mg/Kg  
Dermal: no data available  
Inhalation: no data available

CARCINOGENICITY: This product is not considered to be a carcinogen by NTP, the IARC or OSHA.

HAZARDOUS POLYMERIZATION: Will not occur.

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CONDITIONS TO AVOID: Keep away from Heat, Open Flame, and Sparks. Avoid Friction.

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### SECTION 7 - SPILL, LEAK, AND DISPOSAL INFORMATION

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#### CLEAN UP PROCEDURES:

**SPILLS:** Wear protective equipment including rubber boots, rubber gloves, rubber apron, and a full facepiece or a half mask air purifying cartridge respirator with particulate filters. Wear chemical goggles if a half mask is worn. For small spills, shovel into DOT-approved waste containers. Keep out of sewers, storm drains, surface waters, and soil.

**OTHER EMERGENCY ADVICE:** Isolate or enclose the area of the spill. Clean up personnel should wear protective clothing and respiratory equipment. Wear protective clothing.

**WASTE DISPOSALS:** Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers with the clean air act, the clean water act, the resource conservation and recovery act, as well as any other relevant federal, state, or local laws/regulations regarding disposal.

**REPORTABLE QUANTITY (RQ) (CWA/CERLA):** None

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### SECTION 8 - PROTECTIVE MEASURES

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#### EYE PROTECTION:

Use chemical safety goggles and/or a full face shield where dust is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work area.

#### SKIN PROTECTION:

Long-sleeved shirt, trousers, safety shoes, rubber gloves, and rubber apron.

#### RESPIRATORY PROTECTION:

A system of local and/or general exhaust is recommended to keep employee exposure low. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details. If use conditions generate dusts, wear a NIOSH-approved respirator appropriate for those emission levels.

#### WORK AND HYGIENIC PRACTICES:

Provide readily accessible showers and eye wash stations. Wash at the end of each working and before eating, smoking or using the toilet.

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### SECTION 9 - STORAGE AND HANDLING

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**STORAGE:** Keep in original container, stored in a cool, dry, ventilated area. Protect from physical damage and direct sunlight. Isolate from incompatible substances. Protect from moisture.

**HANDLING:** When handling, wear safety goggles and face shield, rubber gloves, rubber boots, rubber apron, cotton or polyester long-sleeved shirt and plastic hard hat. Never touch eyes or face with hands or gloves that may be contaminated with product. Do not eat, drink or smoke during handling. Keep away from heat, open flame, and sparks. Avoid friction.

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OTHER PRECAUTIONS: Carefully read all instructions on label and product bulletin before handling this product. Make sure that all engineering and personal protective equipment is in working order. Keep out of reach of children.

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### SECTION 10 - FEDERAL REGULATIONS

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TOXIC SUBSTANCES CONTROL ACT (TSCA): Ingredients of this product are on the TSCA inventory.

CERCLA/RCRA REPORTING REQUIREMENTS: none (CERCLA Sec.103)  
none (SARA EHS Sect. 302) RQ/TPQ

SARA SECTION 302 EHS RQ: Reportable Quantity of Extremely Hazardous Substance, listed at 40CFR355  
SARA SECTION 302 EHS TPQ: Threshold Planning Quantity of Extremely Hazardous Substance. An asterisk (\*) following a Threshold Planning Quantity signifies that if the material is solid and has a particle size equal to or larger than 100 micrometers, the Threshold Planning Quantity = 10,000 lbs.  
SARA SECTION 313 Chemicals: Toxic Substances subject to annual release reporting requirements listed at 40CFR372.65.  
CERCLA SECTION 103: Comprehensive Environmental Response, Compensation and Liability Act (Superfund). Release to air, land, or water of these hazardous substances which exceed the Reportable Quantity (RQ) must be reported to the National Response Center, (800-424-8802); Listed at 40CFR302.4.  
RCRA: Resource Conservation and Reclamation Act. Commercial chemical product wastes designated as acute hazards and toxic under 40CFR261.33.

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### SECTION 11 - FIRST AID

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EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.  
SKIN CONTACT: In case of contact, immediately wash skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation persists.  
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.  
INGESTION: DO INDUCE VOMITING by giving 2 glasses of water and sticking a finger down the throat. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention immediately.

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