

MATERIAL SAFETY DATA SHEET

MSDS No.: 5103
Effective Date: 05/06/11
Page 1 of 3

SECTION 1-CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LYNN PEAVEY DETECTION POWDER, 1 oz.

FORMULA: MIXTURE

PRODUCT NO.: 5103

LYNN PEAVEY COMPANY
10749 WEST 84TH TERRACE
LENEXA, KANSAS 66214-3612
913-888-0600
800-255-6499
FAX 913-888-1066

IN CASE OF EMERGENCY: CALL CHEMTREC
(800) 424-9300 (USA/North America)
(703) 527-3887 (outside the US – collect calls accepted)

SECTION 2-COMPOSITION, INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS No.</u>	<u>PERCENT CONCENTRATION</u>
Rocket Red AX Pigment (Fluorescent Red)	Data not available.	60
Rosin	Data not available.	30
Silicone Dioxide	112945-52-5	10

SECTION 3-HAZARD IDENTIFICATION

ACUTE HEALTH EFFECTS

CAUTION! Short-term exposure to dust may cause irritation to skin, eyes and respiratory tract. Avoid breathing dust and eye/skin contact.

CHRONIC HEALTH EFFECTS

CARCINOGENIC POTENTIAL: NTP, IARC or OSHA regulates no component in this product as a carcinogen or potential carcinogen.

TARGET-ORGAN EFFECTS: Inhalation of dust particles may result in respiratory problems.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with pre-existing eye, skin, or respiratory disorders may be more susceptible to the effects of this substance.

NFPA RATING: Data not available.

HMIS RATING:	<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>	<u>Personal Protection</u>
Fluorescent Red:	1-Minor	0-None	1-Minor	See Section 8.
Silicone Dioxide:	0	0	0	Not applicable.

SECTION 4-FIRST-AID MEASURES

PRIMARY ROUTES OF ENTRY / FIRST AID

INHALATION: Remove victim from exposure area to fresh air. Seek medical attention if breathing is difficult.

EYE/SKIN CONTACT: Flush eyes with water for at least 15 minutes. Wash skin with a mild soap and water. Seek medical attention if irritation or redness develops or persists.

INGESTION: Seek medical attention immediately.

SECTION 5-FIREFIGHTING MEASURES

	<u>Fluorescent Red</u>	<u>Rosin</u>	<u>Silicone Dioxide</u>
FLASH POINT	Data not available.	425°F	Data not available.

EXPLOSIVE LIMITS (LEL / UEL): Data not available. Data not available. Data not available.
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam or water in flooding amounts as fog. Solid streams may not be effective.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective equipment.
UNUSUAL FIRE AND EXPLOSIVE DATA: Emits toxic fumes under fire conditions.

SECTION 6-ACCIDENTAL RELEASE MEASURES

Wear protective clothing and equipment as specified in Section 8. Airborne dust may be a dust explosion hazard; secure possible sources of ignition and avoid dusting. Contain spill, scoop up and place in an appropriate, closeable waste container.

SECTION 7-HANDLING AND STORAGE

Store in a clean, dry area away from excessive heat. Keep container tightly closed.

SECTION 8-EXPOSURE CONTROLS, PERSONAL PROTECTIVE

EXPOSURE LIMITS	<u>Fluorescent Red</u>	<u>Rosin</u>	<u>Silicone Dioxide</u>
OSHA PEL:	10 ppm	Data not available.	Data not available.
OSHA STEL:	Data not available.	Data not available.	Data not available.
OSHA TABLE Z-2 TWA:	Data not available.	Data not available.	20 ppm
OSHA CEILING:	Data not available.	Data not available.	Data not available.
ACGIH (TLV) TWA:	5.0 mg/m ³	Data not available.	10.0 mg/m ³
ACGIH STEL:	Data not available.	Data not available.	Data not available.
ACGIH CEILING TWA:	Data not available.	Data not available.	Data not available.
ORAL RAT LD50:	Data not available.	Data not available.	>10,000 mg/kg

EYES: Chemical safety goggles or glasses.

GLOVES: Chemical-resistant gloves.

RESPIRATORY: Wear a self-contained breathing apparatus or respirator with approved NIOSH / MSHS cartridges.

VENTILATION: Mechanical exhaust, fume hood or chamber.

OTHER: Protective clothing as required. Wash hands and face before eating and drinking.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

	<u>Fluorescent Red</u>	<u>Rosin</u>	<u>Silicone Dioxide</u>
BOILING POINT:	Data not available.	Data not available.	Data not available.
VAPOR PRESSURE (mm Hg @ 68°F):	Data not available.	Data not available.	Non-volatile.
VAPOR DENSITY (air=1):	Non-volatile.	Data not available.	Non-volatile.
WATER SOLUBILITY:	Insoluble.	Insoluble.	Insoluble.
APPEARANCE AND ODOR:	Red powder.	Brown resinous powder.	White, fluffy powder.
MELTING POINT:	Data not available.	Data not available.	1700°C
SPECIFIC GRAVITY:	>1.0	1.097	2.2
% VOLATILE BY VOLUME:	0.0	Data not available.	Data not available.
EVAPORATION RATE (ether=1):	Non-volatile.	Data not available.	Non-volatile.

SECTION 10-STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBILITY: Reacts with strong acids and oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and nitrous oxides.

CONDITIONS TO AVOID: Excessive heat and flame, acids and oxidizing agents.

SECTION 11-TOXICOLOGICAL INFORMATION

Toxicological data for this product has not been determined. Refer to Section 8 for exposure controls.

SECTION 12-ECOLOGICAL INFORMATION

Environmental impact for this product has not been determined.

SECTION 13-DISPOSAL INFORMATION

Ensure compliance with all local, state, and federal regulations or contact an approved and licensed disposal agency.

SECTION 14-TRANSPORT INFORMATION

US DOT:

Proper Shipping Name: Not regulated.

Hazard Class or Division: Not applicable.

Identification Number: Not applicable.

ICAO:

Proper Shipping Name: Not regulated.

Class or Division: Not applicable.

UN or ID Number: Not applicable.

SECTION 15-REGULATORY INFORMATION

Silicone Dioxide is subject to EPA TSCA reporting requirements as Silica, CAS No. 7631-86-9.

SECTION 16-OTHER INFORMATION

This information is believed to be correct, however no warranties are made with respect to this information and the Lynn Peavey Co. assumes no liability resulting from use. Make independent determinations of the suitability and completeness of information from all sources, to assure proper use and disposal of this product and personnel safety and health. Data for each component is specified where applicable, as mixtures have not been tested.