

# PRODUCT SAFETY DATA SHEET

The following information has been prepared in accordance with the European Pyrotechnic Directive 2007/23/EC, Health and Safety at Work Act and the Control of Substances Hazardous to Health regulations in the UK and in accordance with English law. Users should always consult the current legislation of the country concerned prior to any intended use.

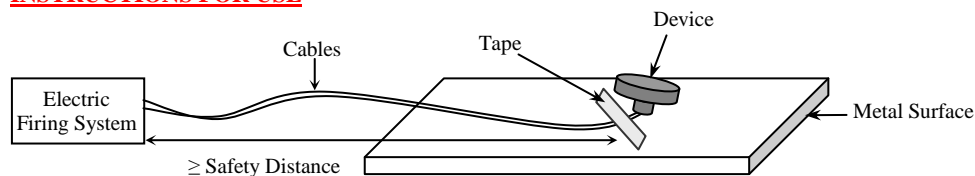
**Product Name:** SPD#1  
**Product Type:** PSII  
**Device NEC:** 0.3g  
**HSE Reference:** XI/5015/9/89  
**P.S.N:** ARTICLES PYROTECHNIC for technical purposes.  
**UN Number:** UN0431

**Product Code:** PP651  
**Dimensions:** 12.7mm OD x 16mm H  
**Hazard Classification:** 1.4G

## DESCRIPTION OF EFFECT PRODUCED

**Effect Produced:** A small flash and a directional shower of silver sparks to a height of 8-10ft  
**Effect Duration:** Instant  
**Fuse Burn Time:** N/A  
**Noise dB(AI) Max:** N/A  
**Hot Fallout:** Some possible  
**Angle of Firing:** Any  
**Means of Ignition:** Electric  
**Additional Notes:**

## INSTRUCTIONS FOR USE



1. Secure the device to a surface such that it is securely fixed in position and that the base of the device is supported.
2. Ensure that all electrical circuits are Isolated.
3. Ensure that there are no persons or flammable objects within the safety distance.
4. Following the instructions for the Firing System, check the continuity of the circuit.
5. Isolate all electrical circuits until ready to fire the pyrotechnic device.
6. To fire the device firstly ensure that there are no persons or flammable objects within the safety distance. Then follow the instruction for the Firing system.

## IN THE EVENT OF A MISFIRE

If the device fails to fire and if it is safe to do so then repeat the firing sequence. If unsuccessful disconnect the firing circuit, when it is suitable to do so, remove the device from its firing position and return to its original packaging to await disposal.

## DISPOSAL INSTRUCTIONS

Wearing gloves, submerge the device in a large bucket of water and allow the water to enter the device. Leave soaking outside in a secure area for a minimum of 48 hours then dispose of in accordance with local regulations.

- **DO NOT ALLOW** any person under **18** years of age to handle or use these pyrotechnics.
- **DO NOT ALLOW** open flames or sparking equipment near these devices at any time.
- **DO NOT SMOKE** or allow smoking at any time when handling or near these pyrotechnic devices.
- **DO NOT ATTEMPT** to dismantle or modify these pyrotechnics in any way or use them in any manner other than that for which they have been designed.
- **IT IS ESSENTIAL** that a risk assessment be carried out prior to the use of these pyrotechnic effects, taking into consideration the surrounding environment and the location(s) of all persons, with respect to the effect produced by these devices at the time of use.
- **PLEASE NOTE:** It is recommended that tests be carried out in the desired location in a safe environment clear of personnel, to ensure that the effect produced is that required. If the operator is unsure as to the nature of the effect produced by these devices or method of use, then seek guidance from the supplier.
- **SPILLAGE (OF COMPOSITION):** Wear gloves and a dust mask to avoid skin contact and inhalation of dust. Sweep up any loose powder and packaging and dispose of by soaking in a large bucket of water outside in a secure area for a minimum of 48 hours then dispose of in accordance with local regulations.
- **FIRST AID FOR CONTACT WITH THE PYROTECHNIC COMPOSITIONS:** In case of contact with skin wash area immediately with copious amounts of water, if inhaled remove to fresh air and if swallowed give water to drink provided person is conscious.
- **STORAGE CONDITIONS:** Store in a cool dry place, humidity should preferably be less than 70%. Avoid extreme temperatures. In particular sub-zero temperatures where freezing and re-thaw can alter the performance of the article. A permit may be required for storage. Your local enforcement Authority for further details.
- **IF IN DOUBT** about the effects produced by these products or their proper use, further information can be sought from Le Maitre Ltd on +44 208 646 2222 (UK) or Le Maitre USA LLC; Office +1 (512) 451-4392; Randy Hicks Cell +1 (519) 615 0580, e-mail: [randy.hicks@lemaitreusa.com](mailto:randy.hicks@lemaitreusa.com); Web : [www.lemaitreusa.com](http://www.lemaitreusa.com).
- Further Information can also be found from the following places:-

**United Kingdom:** - Manufacture and storage of Explosive Regulations, Local Authorities and the Health and Safety Executive.

**North America:** - NFPA 1126, CFR47-1 and DOT.

Product Manufactured by: Le Maitre Ltd, Fourth Drove, Peterborough, England