

# PRODUCT SAFETY DATA SHEET

SDS059

The following information has been prepared in accordance with the 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:** Thunderflash (P006)  
**Device NEQ:** 6g  
**HSE Reference:** 72-Z-00398 Item No. 60  
**DOT Reference:** EX2006120291  
**Proper Shipping Name:** ARTICLES PYROTECHNIC for technical purposes.

## Description of Effect Produced

(Distances shown are approximate and for guidance only, they are **not** safety distances)

**Effect Produced:** A very loud bang, a white flash and a puff of smoke  
**Effect Duration:** Instant  
**Fuse Burn Time / Delay:** 5-7 seconds  
**Height:** N/A  
**Width:** N/A  
**Peak Noise level/dB(A):** 119 measured at 12 metres out of doors  
**Hot Fallout:** None  
**Angle of Firing:** N/A  
**Additional Notes:** This is a **STRIKE AND THROW** product, use extreme caution when using these devices, follow the instructions for use below.

## INSTRUCTIONS FOR USE

1. Remove a device from the box.
2. Do not remove the red cap unless the device is intended for immediate use.
3. Remove the striker board from the grip seal bag.
4. Holding the Thunderflash by the **Handle**, firmly strike the tip of the fuse along the striker board. You should hear a noise similar to a match strike and a hissing sound that will indicate the fuse is lit. If you are unsure as to whether the fuse is lit or not, **always** act as if the fuse has been lit and proceed to step 5.
5. **Immediately** throw the device at least 10m away from you into a safe area. **Do Not** throw these devices at or towards people. **Do Not** throw these devices into the wind as there is a danger that the device will come back towards you.
6. The device will function approximately **5 - 7** seconds after ignition.
7. If the striker is not required for immediate use again, then replace into the plastic bag re-seal.

## IN THE EVENT OF A MIS-FIRE

If the device fails to function after striking the fuse then do not pick it up or try to re-ignite. Leave the device where it has landed for at least 20 minutes, and then submerge in a bucket of water. Return to the original packaging and return to supplier for disposal.

- **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.
- **DISPOSAL INSTRUCTIONS:** Return to manufacturer in original packaging.
- **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**