



EarthTronics LED Lamps
Lamp Material Data Sheet (LMDS)

Rev.: 1
Rev. Date: 6-9-15

Product: EarthTronics LED Lamps

All Lamp Types, Base Types and Wattages

I. MANUFACTURER AND CONTACT INFORMATION

EarthTronics, Inc.

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Muskegon, MI 49440 USA

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II. HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

These lamps do not contain any hazardous materials in reportable quantities.

III. PHYSICAL PROPERTIES

Not applicable to an intact lamp. These items are light bulbs in various shapes, configurations and designs. All contain solid-state light emitting diodes (LEDs) as the light-generating source. These LEDs are contained in various bulb (envelop) types and shapes that may be constructed of aluminum, glass, plastic or a combination of these materials. Some products also contain circuitry to energize the LEDs. All lamps are fitted with metal base or pins for installation in appropriate lighting fixtures. These bases are generally comprised of aluminum, nickel-plated tin, nickel-plated brass, plastic or a combination of these material.

IV. FIRE AND EXPLOSION HAZARDS

Not applicable to an intact lamp. Under extreme heat the outer glass (or plastic) envelope may melt or crack.

V. REACTIVITY

Not applicable to an intact lamp.

VI. HEALTH HAZARDS

Not applicable to an intact lamp. Breakage of the lamp may result in exposure to electrical shock hazards if the lamp is still installed in the fixture.

No adverse health effects are expected from occasional exposure to the broken lamp, but as a matter of good practice prolonged exposure should be avoided through the use of adequate ventilation during the disposal of large quantities of lamps.



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These lamps become warm while operating, however they do not pose a burn hazard.

If the outer bulb breaks, the inner discharge capsule may continue to operate. Disconnect, or turn off, power to the lamp fixture and allow the lamp to cool down sufficiently before attempting to remove it from the fixture. Normal precautions should be taken when handling any broken lamp components.

Emergency and First Aid Procedures: Apply normal first aid for lacerations if such should occur when handling broken lamps.

VII. LAMP DISPOSAL PROCEDURES

Normal precautions should be taken for the collection of glass particles in the event a lamp is broken.

Waste Disposal Method: These lamps do not contain any materials that would be subject them to special waste disposal requirements.

Before disposing of waste lamps, check with federal, state and/or local officials for current guidelines and regulations. EarthTronics encourages recycling of its products through qualified lamp recycling facilities.

VIII. CONTROL MEASURES

Respiratory Protection: None. NIOSH-approved respirator should be used if large quantities of lamps are being broken for disposal.

Ventilation: Avoid inhalation of any airborne dust. Provide local exhaust when disposing of large quantities of lamps.

Hand and Eye Protection: Appropriate hand and eye protection should be worn when disposing of lamps and/or handling broken lamps.

IX. REGULATORY INFORMATION

These lamps do not contain any material that would subject them to special waste disposal or transportation requirements.

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