



Philips Lighting Company

MATERIAL SAFETY DATA SHEET

Revised: 7/06

PRODUCT: HALOGEN (Single ended screw based halogen lamps)

SECTION 1: MANUFACTUERER

Manufacturer's Name and Address: Philips Lighting Company
A Division of Philips Electronics
North America Corporation
200 Franklin Square Drive
P.O. Box 6800
Somerset, NJ 08875

Emergency Telephone Number: (800) 424-9300 CHEMTREC
(732) 563-3197 Safety and Compliance
Other Information Calls (800)-PLC-BULB

SECTION 2: HAZARDOUS INGREDIENTS

	OSHA PEL	ACGIH	PERCENTAGE
BOMINE (7726-95-6)	0.7 mg/m3	0.66 mg/m3	0.004%
*LEAD (7439-92-1)		.05 mg/m3	.15 mg/m3
Inert ingredients ..Quartz, glass, metal parts (Al, Cu, Zn, etc.)			approx. 99.9%

* Lead present as a component of the glass stem located inside the lamp in an extremely low level



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200 Franklin Square Drive
P.O. Box 6800
Somerset, NJ 08875-6800
Tel: 732.563.3000

SECTION 3: PHYSICAL CHEMICAL CHARACTERISTICS

This item is a light glass light bulb with a quartz inner bulb. The base is generally aluminum. Chemical characteristics are not applicable to the intact bulb or intact inner bulb.

SECTION 4: FIRE AND EXPLOSION DATA

This item is a light bulb. It has no fire data. Under extreme heat bulb might crack or melt.

SECTION 5: REACTIVITY DATA

Stability: Lamp is stable
Incompatibility: Glass will react with hydrofluoric acid, base will react with other acids.
Polymerization: Will not occur

SECTION 6: HEALTH EFFECTS

Not applicable for the intact lamp when lamp is off. When lamp is on, bulb gets hot. Do not touch when lit.

Lamp contains a small amount of bromine. If inner bulb is broken the small amount of bromine will escape. No adverse effect is expected.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

When replacing lamp, be sure power to the socket is turned off before removing old lamp. **DO NOT USE IN CLOSE PROXIMITY TO COMBUSTIBLE MATERIALS.** If used outdoors, use in an enclosed fixture only.

CAUTION: If outer glass breaks, avoid touching any of the metal components due to potential shock. The lamp may continue to light, however, immediately turn power off and let lamp cool before removal to avoid potential burn and discontinue use.

Normal precautions should be taken for the collection of broken glass.

SECTION 8: CONTROL MEASURES

Hand and eye protection: Appropriate hand and eye protection should be worn when disposing lamps or handling broken glass.

SECTION 9:REGULATORY STATIS

This lamp is an article and is not regulated under any transportation regulation.

Waste Disposal Method: At the end of rated life, when this lamp is removed from service, it will be subjected to the current Toxic Characteristic Leaching Procedure (TCLP) prescribed by the Environmental Protection Agency. This test is used to determining whether an item is a hazardous waste or a non-hazardous waste under current E. P. A. definition. This halogen lamp contains a small amount of lead stem glass located inside the lamp. If subject to a TCLP test this lamp will pass and be considered non-hazardous in most states. Under the Universal Waste Rule, recycling is the preferred option. The generator should check with federal, state and local officials for their guidance.

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