



Philips Lighting Company

MATERIAL SAFETY DATA SHEET

PRODUCT: TUFF SKIN INCANDESCENT LAMPS

Revised: 6/01

SECTION 1: MANUFACTURER

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

Emergency Telephone No.: (800) 424-9300 CHEMTREC
(732) 563-3197 Safety and Compliance

Other Information Calls: (800)-PLC BULB

SECTION 2: HAZARDOUS INGREDIENTS

	OSHA PEL	ACGIH TLV	PERCENTAGE
Lead + (7439-92-1)	.05mg/m ³	less than .1mg/m ³	approx. .025
Silicone Coating	NA	NA	>.01%

+ Lead is found within the glass tubing inside the lamp and inside the solder.

SECTION 3: PHYSICAL/CHEMICAL DATA

This item is a glass light bulb. The base is generally aluminum, some applications use brass bases. Chemical characteristics not applicable.

Silicone coating is highly soluble in Toluene solvent.



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SECTION 4: FIRE AND EXPLOSION DATA

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

SECTION 5: REACTIVITY DATA

Stability: Lamp is stable
Incompatibility: Glass will react with Hydrofluoric Acid.
Base will react with acids.
Silicone coating is highly soluble in Toluene solvent.
Polymerization: Will not occur.

SECTION 6: HEALTH HAZARD DATA

Not applicable for the intact lamp, when power is off. When lamp is on, bulb gets hot to the touch.

Possible mild irritation upon inhalation of the silicone coating if removed from the lamp.

EMERGENCY AND FIRST AID PROCEDURE: If glass cuts occur due to breakage of lamp, use normal first aid procedure.



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SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

When replacing a lamp, be sure the power to the socket is turned off before removing old lamp.

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

WASTE DISPOSAL METHOD: Under the Toxicology Characteristic Leachate Procedure (TCLP) promulgated by the U.S. Environmental Protection Agency (EPA), tests of used or spent incandescent lamps will fail the TCLP for lead if they contain lead solder. Under the Universal Waste Rule, lamps which fail the TCLP can be treated as a Universal Waste and sent for recycling rather than hazardous waste disposal. If treated under the UWR rules are much simpler and easier from a compliance standpoint. Check with your local and State Authorities for guidance.

Small numbers of these lamps may be covered under the Conditionally exempt small generator classification. Not all States accept this exemption, especially in the East. To determine your status check with your local or State authorities. Households are exempt from Federal hazardous waste jurisdiction, but individual states may vary. Customers should review their waste handling practices to assure that they are properly disposing of waste lamps.

SECTION 8: CONTROL MEASURES

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



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