

Philips Lighting Company

MATERIAL SAFETY DATA SHEET

Revised: 6/01

PRODUCT: BUG-A-WAY INCANDESCENT LAMPS

SECTION 1: MANUFACTURER

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 No.: (800) 424-9300 CHEMTREC
(732) 563-3197 Safety and Compliance
Other Information Calls: (800) PLC- BULB

SECTION 2: HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Pigment yellow 53	8007-18-9		
*Titanium Dioxide		10 mg/m total dust 5 mg/m respirable dust	10 mg/m
*Chromium (III) Compounds		0.5 mg/m (asCr)	0.5 mg/m
*Antimony Compounds		0.5 mg/m (asSb)	0.5 mg/m
*Nickel Compounds (insoluble)		1 mg/m (asNi)	1 mg/m

- The above potentially hazardous ingredients have been chemically reacted at high temperatures and are homogeneously and ionically interdiffused to form an essentially insoluble pigment crystal. This means that they are not present in the form of a simple physical mixture component.



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SECTION 2: HAZARDOUS INGREDIENTS (cont'd)

	CAS#	OSHA PEL	ACGIH TLV
+Lead 7439-92-1	50 ug/m (AsPb)	30 ug/m (Action level)	

+ Lead present as lead metal solder at the base of the lamp and as a component of the glass stem located inside the lamp.

SECTION 3: PHYSICAL DATA

This item is a light bulb, chemical characteristics not applicable. For broken lamps see Section 7.

SECTION 4: FIRE AND EXPLOSION DATA

NOT APPLICABLE FOR THIS ARTICLE.

SECTION 5: REACTIVITY DATA

Stability: Lamp is stable
Incompatibility: Glass will react with Hydrofluoric Acid
Polymerization: Will not occur

SECTION 6: HEALTH HAZARD DATA

Not applicable for the intact lamp. Breakage of the lamp might result in some release of the pigment coating. Based on data from the manufacturer of the pigment and their reports of animal toxicity testing of similar products they expect that the pigment would be non-irritating to the eyes or skin and essentially non-toxic by ingestion.

The very small amount of pigment in each lamp is not expected to present a hazard when small numbers of lamps are broken. Under extreme conditions, mechanical irritation (from action of dust) may occur to the eyes and skin particularly if contact is prolonged or repeated. Good personal hygiene and protective creams will minimize these effects. The manufacturer of the pigment reports that adverse health effects from exposure have not been reported among workers using this pigment.



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SECTION 6: HEALTH HAZARD DATA (cont'd)

The individual components of the pigment are not available as separate compounds. The pigment itself is not listed by NTP, IARC nor regulated by OSHA as a carcinogen.

EMERGENCY AND FIRST AID PROCEDURE: In case of contact with powder, flush with plenty of water. Contact physician if irritation or other symptoms appear.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

If used outdoors, protect from weather.

Incandescent lamps, of which this is one, will fail the US EPA Toxic Characteristic Leaching Procedure for lead when the lamps uses lead solder. Under the Universal Waste Rule, recycling is the preferred option. However, you may fit into the Conditionally exempt small generator status. You should be aware that not all States accept this exemption, especially in the east. You should check with local and States authorities. Households are also generally exempt from hazardous waste disposal regulations. Most States do accept this exemption. If in doubt check with your local or State authorities.



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