



Philips Lighting Company

MATERIAL SAFETY DATA SHEET

PRODUCT: XOP (Low Pressure Sodium)

Revised: 6/01

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

Materials of the lamp are not hazardous they include ceramics, tungsten, xenon gas.

The tube is composed of quartz glass. Quartz as a solid is not hazardous, however quartz dust does have a listing

	OSHA PEL	ACGIH	PERCENTAGE Quartz
(14808-60-7) (dust)	not listed	.1mg/m ³	Approx. 90%



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SECTION 32: PHYSICAL CHEMICAL CHARACTERISTICS

This item is a light bulb. Chemical characteristics are not applicable. The bulb can crack if hit with a heavy object. Length can be up to 700mm, width of the circular portion 55mm and a maximum height of 118mm.

SECTION 4: FIRE AND EXPLOSION DATA

The quartz is not combustible. Fire and explosion data not applicable. Under extreme heat bulb might crack or melt.

SECTION 5: REACTIVITY DATA

Stability: Lamp is stable
Incompatibility: Can be attacked by hydrofluoric acid.
Polymerization: Not applicable.

SECTION 6: HEALTH EFFECTS

DANGER: These lamps emit ULTRAVIOLET RADIATION (UVC- Shortwave). Avoid exposure. Ultraviolet radiation is harmful to skin and eyes and can cause skin burns and eye injury either from direct or reflected radiation. To reduce the risk of personal injury, install only in fixture which provide adequate protection to area occupants. Should not be used for illumination purposes.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

WARNING: The ceramic caps do not sufficiently insulate the high voltage during starting. To prevent the luminaire becoming live, the lampholders must be insulated from the luminaire. The degree of insulation depends on the starting voltage supplied by the ignitor. Because the lamp is subject to slight expansion the lamp holder should be designed in such a way as to prevent strain on the lamp.



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SECTION 8: CONTROL MEASURES

DO NOT OPERATE UNDER THESE LAMPS WITH OUT PERSONAL PROTECTION EQUIPMENT. (GOGGLES, GLOVES, SKIN PROTECTION)

Respiratory protection: None required

Ventilation: Only if breaking large quantities of lamps. Avoid dust inhalation.



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