

OSRAM SYLVANIA INC. (PREVIOUSLY GTE PRODUCTS CORP) -- F40CW/RS/SS -- 6240-01-004-3107
===== Product Identification =====

Product ID:F40CW/RS/SS
MSDS Date:04/13/1995
FSC:6240
NIIN:01-004-3107
MSDS Number: BGCRP
=== Responsible Party ===
Company Name:OSRAM SYLVANIA INC. (PREVIOUSLY GTE PRODUCTS CORP)
Address:W MAIN ST
City:HILLSBOROUGH
State:NH
ZIP:03244
Country:US
Info Phone Num:603-464-5533
Eme
rgency Phone Num:508-777-1900
CAGE:FO606
=== Contractor Identification ===
Company Name:GTE PRODUCTS CORP
Address:100 ENDICOTT STREET
Box:City:DANVERS
State:MA
ZIP:01923
Country:US
Phone:508-750-8600
CAGE:52343
Company Name:GTE PRODUCTS CORP SYLVANIA MINIATURE LIGHTING DIV
Address:W MAIN ST
Box:City:HILLSBOROUGH
State:NH
ZIP:03244
Country:US
Phone:603-464-5533
CAGE:88204
Company Name:OSRAM SYLVANIA INC OFFICE HEADQUARTERS
Address:100 ENDICOTT ST
City:DANVERS
State:MA
ZIP:01923-3754
Country:US
Ph

one:508-777-1900
CAGE:FO606

===== Composition/Information on Ingredients =====

Ingred Name:FLUORESCENT PHOSPHOR MAY CONTAIN THE BELOW LISTED
INGREDIENTS
Fraction by Wt: 0.5-3.0%

Ingred Name:MERCURY (SARA III)
CAS:7439-97-6
RTECS #:OV4550000
OSHA PEL:S, C, 0.1 MG/M3
ACGIH TLV:S, 0.05 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:LEAD OXIDE (LITHARGE)
CAS:1317-36-8
RTECS #:OG1750000
Fraction by Wt: 0.2-2.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.05 MG/M
3
ACGIH TLV:0.15 MG/M3

Ingred Name:ALUMINUM OXIDE
CAS:1344-28-1
RTECS #:BD1200000
Fraction by Wt: 0-2.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:FLUORIDE
Fraction by Wt: 0-01%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2.5 PPM F
ACGIH TLV:2.5 MG/M3

Ingred Name:MANGANESE (SARA 313) (AS DUST)
CAS:7439-96-5
RTECS #:OO9275000
Fraction by Wt: 0-0.1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 5 MG/M3 DUST
ACGIH TLV:5 MG/M3 DUST 9495

Ingred Name:TIN (AS DUST)
CAS:7440-31-5
RTECS #:XP7320000

Fraction by Wt: 0-0.1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9495

Ingred Name:YTTRIUM (AS DUST)
CAS:7440-65-5
RTECS #:ZG2980000
Fraction by Wt: 0-0.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9495

===== Hazards Identification =====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:THERE ARE NO KNOWN HEALTH HAZARDS FROM
EXPOSURE TO LAMPS THAT ARE INTACT. NO AD
VERSE EFFECTS ARE EXPECTED
FROM OCCASIONAL EXPOSURE TO BROKEN LAMPS. THE MAJOR HAZARD FROM
BROKEN LAMPS IS THE POSSIBILIT Y OF SUSTAINING GLASS CUTS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:THERE ARE NO KNOWN HEALTH HAZARDS FROM EXPOSURE
TO LAMPS THAT ARE INTACT. NO ADVERSE EFFECTS ARE EXPECTED FROM
OCCASIONAL EXPOSURE TO BROKEN LAMPS.

===== First Aid Measures =====

First Aid:GLASS CUT: PERFORM NORMAL FIRST AID PROCEDURE
S. SEEK MEDICAL
ATTENTION AS REQUIRED. INHALATION: IF DISCOMFORT, IRRITATION OR
SYMPTOMS OF PULMONARY INVOLVEMENT DEVELOP, REMOVE FROM EXPOSURE AND
SEEK ME DICAL ATTENTION. INGESTION: IN THE UNLIKELY EVENT OF
INGESTION OF A LARGE QUANTITY OF MATERIAL, SEEK MEDICAL ATTENTION.
CONTACT SKIN: WASH WITH MILD SOAP. CONTACT EYE: FLUSH WITH WATER.

===== Fire Fighting Measures =====

Flash Point:NON-COMBUSTIBLE
Extinguishing Media:USE EXTINGUISHING A

GENTS SUITABLE FOR SURROUNDING
FIRE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS TO
PREVENT INHALATION OF DUST AND/OR FUMES THAT MAY BE GENERATED FROM
BROKEN LAMPS DURING FIREFIGHTING ACTIVITIES.

Unusual Fire/Explosion Hazard:WHEN EXPOSED TO HIGH TEMPERATURE, TOXIC
FUMES MAY BE RELEASED FROM BROKEN LAMPS.

===== Accidental Release Measures =====

Spill Release Procedures:IF LAMPS ARE BROKEN, VENTILATE AREA WHERE
BREAKAGE OCCUR
RED. CLEAN-UP WITH MERCURY VACUUM CLEANER OR OTHER
SUITABLE MEANS TO AVOID DUST AND MERCURY VAPOR GENERATION. TAKE
USUAL PRECAUTIONS FOR COLLECT ION OF BROKEN GLASS.

===== Handling and Storage =====

Handling and Storage Precautions:AS A MATTER OF GOOD PRACTICE, AVOID
PROLONGED OR FREQUENT EXPOSURE TO BROKEN LAMPS UNLESS THERE IS
ADEQUATE VENTILATION.

Other Precautions:NONE

===== Exposure Controls/Personal Protection =====

R
espiratory Protection:USE APPROPRIATE NIOSH APPROVED RESPIRATOR IF
AIRBORNE DUST CONCENTRATIONS EXCEED THE PERTINENT PEL OR TLV
LIMITS.

Ventilation:USE ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION TO
MAINTAIN EXPOSURE LEVELS BELOW THE PEL OR TLV LIMITS.

Protective Gloves:OSHA SPECIFIED GLOVES FOR BROKEN LAMPS.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:AFETR HANDLING BROKEN LAMPS, WASH THOROUGHLY
BEFORE EATING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

SYLVANIA BRAND FLUOROSCENT LAMPS, MANUFACTURED BY OSRAM SYLVANIA INC.
ARE EXEMPTED FROM THE REQUIREMENTS OF THE OSHA HAZARD COMMUNICATION
STANDARD (29 CFR 1910.1200) BECAUSE THEY ARE ARTICLES. THE FOL
LOWING INFORMATION IS PROVIDED BY OSRAMSYLVANIA INC. AS A COURTESY
TO ITS CUSTOMERS.

===== Physical/Chemical Properties =====

HCC:N1

Appearance and Odor:NONE SPECIFIED BY

MANUFACTURER.
Percent Volatiles by Volume:UNK

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
NONE FOR INTACT LAMPS.
Stability Condition to Avoid:NONE FOR INTACT LAMPS.
Hazardous Decomposition Products:NONE FOR INTACT LAMPS.

===== Disposal Considerations =====

Waste Disposal Methods:PLACE MATERIAL IN CLOSED CONTAINERS TO AVOID
GENERATING DUST. THE ULTIMATE DISPOSITION MUST BE IN ACCORDANCE
WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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