

MATSUSHITA ELECTRONICS CORP, LIGHT BUS GROUP -- EFD25LE.UHD PANASONIC ELECTRONIC
LIGHT BULBS-TRICOLOR(SUPPL) -- 6240-01-381-4450

===== Product Identification =====

Product ID:EFD25LE.UHD PANASONIC ELECTRONIC LIGHT BULBS-TRICOLOR(SUPPL)

MSDS Date:01/01/1987

FSC:6240

NIIN:01-381-4450

MSDS Number: BZNBX

=== Responsible Party ===

Company Name:MATSUSHITA ELECTRONICS CORP, LIGHT BUS GROUP

Address:TAKATS

UKI OSAKA, 569-11

City:OSAKA

Country:JP

Info Phone Num:201-348-5380 (JOHN CUNNINGHAM)

Emergency Phone Num:81-726-82-5521

CAGE:MATSH

=== Contractor Identification ===

Company Name:MATSUSHITA ELECTRIC INDUSTRIAL CO LTD

Address:9-1 HIRAIDE KOGYO DANCHI

Box:18

City:UTSUNOMIYA CITY, TOCHIGI PREF, 321-JAPAN

Country:US

Phone:0286-63-3221

CAGE:MATSH

Company Name:PANASONIC CO DIV OF MATSUSHITA

Address:DATA PROCESSING CENTER HQTRS - ONLY

Box:City:SECAUCUS

State:NJ

ZIP:07094

Country:US

Phone:201-348-9090 F

OR CUST SVC/MSDS...

CAGE:2M734

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

Ingred Name:INERT INGRED (GLASS,SILICONE RESIN,PET,PLASATIC,BASE(BRASS
COVERED W/NI),LEAD-WIRE,TUNGSTEN FILAMENT,INERT GAS)

Fraction by Wt: 99.0%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PHOSPHOR POWDER (SEE INGREDIENTS 3,4,5)

Fraction by Wt: 1.0%

Other REC Limits:NONE RECOMMENDED

Ingred Name:LAP POWDER COMPOSED MAINLY OF LANTHANUM PHOSPHATE AS BODY
OF CRYSTAL,CHARACTERIZED BY BEING A

CTIVATED BY CERIUM,TERBIUM.
Fraction by Wt: SEE #2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:YOX POWDER COMPOSED MAINLY OF YITRIUM OXISIDES AS BODY OF
CRYSTAL CHARACTERIZED BY BEING ACTIVATED BY EUROPIUS.
Fraction by Wt: SEE #2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SCA POWDER COMPOSE MAINLY OF SR,CA,BA HALOPHOSPHATE AS BODY
OF CRYSTAL CHARACTERIZED BY BEING ACTIVATED BY EUROPIUM.
Fraction by Wt: SEE #2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:MERCURY (SARA 313) (CE
RCLA)
CAS:7439-97-6
RTECS #:OV4550000
Fraction by Wt: 0.005%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C, 0.1 MG/M3; Z-2
ACGIH TLV:S,0.025 MG/M3; A4;96
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:BREAKAGE OF LAMP MAY RESULT IN SOME
EXPO TO PHOSP
HOR POWDER DUST/& TO ELEMENTAL MERCURY VAP.PHOSPHORS
CONTAIN ALUMINATE,PHOSPHATES & AN OXIDE.NO ADVERSE AFFECTS EXPECTED
FROM OCCASIONAL EXPO TO BROKEN LAMPS BUT AS MATTER OF GOOD PRACT
PROL/FREQ EXPO SHOULD BE AVOID THRU USE OF ADEQ VENTI DURING DISPO
OF LG LAMP QUANT.
Effects of Overexposure:NO ADVERSE AFFECTS EXPECTED FROM OCCASIONAL
EXPO TO BROKEN LAMPS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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First Aid:NORMAL FIRST AID PROCEDURE FOR GLASS CUTS IS SUCH OCCUR THROUGH LAMP BREAKAGE.

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

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER. HMIS:USE APPROPRIATE EXTINGUISHING MEDIA FOR SURROUNDING FIRE.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:NOT APPLICABLE. UNDER EXTREME HEAT GLASS BULB MIGHT BE MELT OR CRACK.

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

Spill Release Procedures:NORMAL PRECAUTIONS SHOULD BE TAKEN FOR COLLECTION OF BROKEN GLASS. APPROPRIATE DUST MASK SHOULD BE USED IF LG VOL OF LAMPS ARE BEING BROKEN FOR DISPOSAL. APPROPRIATE HAND/EYE PROT SHOULD BE WORN WHEN DISPOSING OF LAMPS OR HANDLING BROKEN GLASS.

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

Handling and Storage Precautions:NORMAL PRECAUTIONS SHOULD BE TAKEN FOR COLLECTION OF BROKEN GLASS.
Other Precautions:AVOID INHALATION OF ANY AIRBORNE DUST.

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

Respiratory Protection:APPROPRIATE DUST MASKS SHOULD BE USED IF LARGE VOLUME OF LAMPS ARE BEING BROKEN FOR DISPOSAL.
Ventilation:PROVIDE LOCAL EXHAUST WHEN DISPOSING LARGE QUANTITY OF LAMPS.
Protective Gloves:SEE OTHER PROT EQPT.
Eye Protection:SEE OTHER PROT EQPT.
Other Protective Equipment:HAND & EYE PROTECTION:APPROPRIATE HAND/EYE PROTECTION SHOULD BE WORN WHEN DISPOSING OF LAMPS/HANDLING BROKEN GLASS.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
EFD20LE.UHD, EFD15LE.UHD. ITEM IS AN ARTICLE.

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

HCC:N1
Appearance and Odor:LIGHT BULB, 203CM LONG, UP TO 64MM IN DIAGONAL DIMENSIONS OF OUTER ENCLOSURE.

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

Stability Indicator/Materials to Avoid:YES
GLASS WILL REACT WITH HYDROFLUORIC AC

ID.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ANY APPLICABLE LOCAL,
STATE AND FEDERAL REGULATIONS. PROVIDE LOC EXHAUST WHEN DISPO LG
QUANT OF LAMPS.

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