

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-126/12650-28-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

12650-28-1

Code:

M

RTECS:

Code:

X

Name:

PHOSPHOR 2011 (BARIUM MESOSILICATE:LEAD)

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

UNKNOWN

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

UNKNOWN

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE APPROPRIATE NIOSH APPROVED RESPIRATOR IF AIRBORNE DUST CONCEN EXCEED PERTINENT PEL OR TLV LIMITS. ALL APPROPRIATE REQMTS SET FORTH IN 29CFR1910.134 SHOULD BE MET.

Ventilation:

USE ADEQUA GEN/LOC EXHAU VENTI TO MAINTAIN EXPO LEVELS BEL PEL/TLV LIMITS. IF SUCH VENTI UNAVAILABLE USE RESP AS SEPCIFIE

Protective Gloves:

OSHA SPEC GLOVES FOR BROKEN LAMP HNDLG.

Eye Protection:

OSHA SPEC SAFT GLA/GOGG/FCHIELD IF BROKE

Other Protective Equipment:

Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:

AFT HDNLG BROKEN LAMPS WASH THOROUGHLY BEF EAT/SMOKE/USE TOILET FACILITIES.

Supplemental Safety and Health:

SPILL: TO AVOID GENERATING DUST. DISPOSAL: CONTAINS CHEM SUBJ TO REPORTING REQMTS OF SEC 131 TITLE III SARA/40CFR PART 372: MERCURY, LEAD OXIDE, PHOSPHOR.

Health Hazards Data

LD50/LC50 Mixture:

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

THERE ARE NO KNOWN HEALTH HAZ FROM EXPO TO LAMPS THAT ARE INTACT. NO ADVERSE EFFECTS ARE EXPECTED FROM OCCASIONAL EXPO TO BROKEN LAMPS. AS MATTER OF GOOD PRACTICE AVOID PRLONG/FREQU EXPO TO BROKEN LAMPS UNLESS THERE IS ADEQUATE VENTILATION. MAJOR HAZ FROM BROKEN LAMPS IS POSSIBILITY OF SUSTAINING GLASS CUTS.

Explanation Of Carcinogenicity:

PER MSDS: CARCINOGENIC ASSESSMENT (NTP/IARC/OTHER): NONE.

Signs And Symptoms Of Overexposure:

TO BROKEN LAMPS BY INHAL/INGEST/SKIN/EYE: HG: ACUTE SYMPT-PNEUINITIS, CHEST PAINS, SHORTNESS OF BREATH, COUGH, GINGIVITIS, SALIVATION, STOMATITIS, REDNESS/IRRIT OF SKIN/EYE. PB: IRRIT EYE/RESP TRACT, EXCESS ABSORPT ION-TOXIC, SYMPT-ANEMIA, WEAK, ABD PAIN, KID DISEASE. GLASS: PHYSIOLOGICAL INERT. PHOSPHOR: BENIGN PNUMOCONIOSIS FRM INSOL BA

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER. 4

First Aid:

GLASS CUTS: PERFORM NORMAL 1ST AID PROCEDURES. SEEK MED ATT AS REQUIRED. INHAL: DISCOMFORT/IRRIT/SYMP OF PULM INVOLVEMNT DEVELOP REMOVE FROM EXPO. SEEK MED ATTN. INGEST: SEEK MED ATTN. SKIN: WASH THOROUGHLY W/ MILD SOAP/DETERGENT/WATER. PREVENT FURTHER CONTACT. IRRIT OCCURS SEEK MED ATTN. EYE: WASH INCLUDING UNDER EYELIDS IMMED W/ COPIOUS AMTS OF WATER FOR 15MINS. SEEK MED ATTN.

Spill Release Procedures:

VENTILATE AREA WHERE BREAKAGE OCCUR. CLEANUP W/HG VAC CLEANER/OTHER SUITABLE MEANS THAT AVOID DUST/HG VAP GENERATION. TAKE USUAL PRECAT FOR COLLECTION OF BROKEN GLASS. CLEANUP REQURED SPEC CARE DUE TO HG DROPLET PROLIFERATION. PLACE IN CLSD CNTNR(SUPPL)

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

IT'S RESPONSIBILITY OF WASTE GENERATOR TO ENSURE PROPER CLASSIFICATION OF WASTE PRODS. TO THAT END TCLP TESTS SHOULD BE CONDUCTED ON ALL WASTE PROD INCLUDING THIS ONE TO DETERMINE ULTIMATE DISPOSITION IAW APPLICABLE FED/STATE/LOC REGS. (SUPPLEMENTAL)

Handling And Storage Precautions:

NONE SPECIFIED BY MANUFACTURER.

Other Precautions:

PER MSDS: SYLVANIA BRAND FLUORESCENT LAMPS MFG BY OSRAM SYLVANIA INC EXEMPTED FRM OSHA HAZ COMM STD REQMTS BECAUSE THEY'RE ARTICLES. INFO ON MSDS PROVIDED BY OSRAM SYLVANIA AS COURTESY TO CUSTOMERS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NON-COMBUSTIBLE

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

N/A

Upper Limits:

N/A

Extinguishing Media:

USE EXTINGUISHING AGENTS SUITABLE FOR SURROUNDING FIRE. 5

Fire Fighting Procedures:

USE SELF-CONTAINED BREATHING APPARATUS TO PREVENT INHAL OF UDST & 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.

Physical/Chemical Properties

NH:

N1

NPC/State Lic No:

N/R 6

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

N/A

Melt/Freeze Pt:

M.P/F.P Text:

N/A

Decomp Temp:

Decomp Text:

N/A

Vapor Pres:

Vapor Pres:

N/A

Vapor Density:

Vapor Density:

N/A

Volatile Org Content %:

Spec Gravity:

N/A

VOC Pounds/Gallon:

PH:

N/A

Viscosity:

N/A

Evaporation Rate & Reference:

Solubility in Water:

N/A

Appearance and Odor:

Article:

Percent Volatiles by Volume:

N/A

Corrosion Rate:

N/A

Reactivity Data

Stability Indicator:

YES

Materials To React:

NONE FOR INTACT LAMPS.

Materials To Avoid:

NONE FOR INTACT LAMPS.

Hazardous Decomposition Products:

NONE FOR INTACT LAMPS.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT APPLICABLE

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information:

N/P

Other Information:

N/P

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