

MATERIAL SAFETY DATA SHEET Date: Aug.08, 2013

PHOTOLUMINESCENT PIGMENT

SECTION ONE - IDENTITY INFORMATION

TRADE NAME : PHOTOLUMINESCENT PIGMENT

CAS NUMBER : Al₂O₃, [1344-28-1] SrO, [1314-11-0] Eu₂O₃, [1308-96-9]Dy₂O₃
[1308-87-8]

CHEMICAL/FAMILY NAME : ALKALINE EARTH METAL ALUMINATE OXIDE EUROPIUM DOPED
FORMULA : MO. Al₂O₃: Eu, Dy

STATEMENT : THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED
IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD
COMMUNICATION STANDARD 29 CFR 1910.1200. THIS PRODUCT IS
CONSIDERED TO BE A NON-HAZARDOUS SUBSTANCE UNDER THAT
STANDARD.

SUPPLIER IDENTIFICATION : HUNAN FAMOUS TRADING CO.,LTD.
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EMERGENCY TELEPHONE NO. : +86-731-82297046

SECTION TWO -- HAZARDOUS INGREDIENTS

INGREDIENTS GAS NUMBER :	ACGIH-TLV %	OSHA-PEL
AS INERT DUST (TOTAL) :	2mg/m ³	ACGIN-TLV
:	3mg/m ³	OSHA-PEL

SECTION THREE -- PHYSICAL DATA

APPEARANCE : LIGHT-GREEN POWDER FOR LG,LB SERIES, LIGHT WHITE POWDER
FOR LS, LV SERIES / NO ODOR

MELTING POINT : >1100°C

VAPOR PRESSURE : N/AP

VAPOR DENSITY : N/AP

SOLUBILITY IN WATER : INSOLUBLE

WEIGHT PER CUBE METER : 3.7 - 4.1

FLAMMABILITY CLASS : N/AP

EXTINGUISHING MEDIA : WATER

SPECIFIC GRAVITY : 3.7 - 4.1

FREEZING POINT : N/AP

PERCENT VOLATILE : N/AP

EVAPORATION RATE : N/AP

PH (% IN WATER) : Ca. 10~11

FLASH POINT : N/AP

AUTO-IGNITION TEMP : N/AP

SECTION FOUR - REACTIVITY DATA

STABILITY : STABLE
HAZARDOUS : WILL NOT OCCUR
POLYMERIZATION :
CONDITIONS TO AVOID : CONTACT WITH ACIDS
INCOMPATIBILITY : CONTACT WITH ACIDS
HAZARDOUS :
DECOMPOSITION : WILL NOT OCCUR
PRODUCTS :

SECTION FIVE - HEALTH HAZARD DATA

RESPIRATORY EQUIPMENT : LOCAL EXHAUST/MECHANICAL (GENERAL)
PROTECTIVE GLOVES : PLASTIC OR NEOPRENE
EYE PROTECTION : CHEMICAL GLASSES
VENTILATION :
OTHER PROTECTIVE : LAB COAT
EQUIPMENT :
THRESHOLD LIMIT VALUE : OSHA, PEL TOTAL DUST 3mg/m³
PRIMARY ROUTES OF : INHALATION/INGESTION/SKIN
EXPOSURE :
OSHA PEL : 3mg/m³
ACGIN TLV : 2mg/m³
EFFECTS OF : MAY CAUSE IRRITATION TO EYES, SKINS & MUCOUS MEMBRANES
OVEREXPOSURE :
LISTED CARCINOGEN : NONE

SECTION SIX - EMERGENCY & FIRST AID DATA

SKIN : WASH OFF WITH SOAP & WATER
EYES : FLUSH WITH WATER FOR 5 MINUTES
INHALATION : REMOVE TO FRESH AIR
INGESTION : DRINK QUANTITIES OF WATER & INDUCE VOMITING

SECTION SEVEN - FIRE FIGHTING MEASURES

FIRE : NOT CONSIDERED TO BE A FIRE HAZARD
EXPLOSION : NOT CONSIDERED TO BE AN EXPLOSION HAZARD
IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS
SPECIAL INFORMATION : WITH FULL FACE PIECE OPERATED IN THE PRESSURE DEMAND
OR OTHER POSITIVE PRESSURE MODE.

SECTION EIGHT - TOXICOLOGY INFORMATION

THIS PRODUCT IS OF NON-TOXIC, PLEASE CONTACT THE MANUFACTURE FOR FURTHER INFORMATION.

SECTION NINE - SPILL OR LEAK PROCEDURES

WEAR APPROPRIATE PROTECTIVE EQUIPMENT, AVOID THE
SPILL PROCEDURES : GENERATION OF DUST, VACUUM OR SHOVEL MATERIAL AND
PLACE IN CLOSEABLE CONTAINER(S) FOR DISPOSAL.
WASTE DISPOSAL : DISPOSE ACCORDING WITH STATE AND LOCAL REGULATIONS
METHODS

SECTION TEN -- TSCA INFORMATION

SARA 313 TITLE III

TOXIC SUBSTANCE CONTROL ACT (TSCA):

ALL INGREDIENTS IN THIS PRODUCT ARE LISTED ON THE U.S. EPA TSCA INVENTORY OF CHEMICAL SUBSTANCES.

SECTION ELEVEN - SPECIAL PRECAUTIONS FOR INDUSTRIAL USE ONLY

HANDLING & STORAGE : STORE CLOSED IN COOL DRY AREA WHEN HANDLING WEAR
INFORMATION : PROTECTIVE CLOTHING & RESPIRATORY PROTECTION. AVOID
SCATTER INTO THE AIR.
OTHER PRECAUTIONS : MAINTAIN A SCHEDULE OF REGULAR HOUSEKEEPING TO ENSURE
CLEANLINESS.

SECTION TWELVE - ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE : NO INFORMATION FOUND
ENVIRONMENTAL TOXICITY : NO INFORMATION FOUND

SECTION THIRTEEN-DISPOSAL CONSIDERATIONS

WHATEVER CANNOT BE SAVED FOR RECOVERY OR RECYCLING SHOULD BE MANAGED IN AN APPROPRIATE AND APPROVED WASTE DISPOSAL FACILITY. PROCESSING, USE OR CONTAMINATION OF THIS PRODUCT MAY CHANGE THE WASTE MANAGEMENT OPTIONS. DISPOSE OF CONTAINERS AND UNUSED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REQUIREMENTS.

SECTION FOURTEEN-TRANSPORT INFORMATION

CONSIDERED AS NON-HAZARDOUS UNDER TRANSPORT REGULATIONS.

SECTION FIFTEEN-REGULATORY INFORMATION

AUSTRALIAN HAZCHEM : NO INFORMATION FOUND
CODE
POISON SCHEDULE : NO INFORMATION FOUND

SECTION SIXTEEN -- ADDENDUM

DEFINITIONS AND ABBREVIATIONS:

ACGIH=AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

CAS=CHEMICAL ABSTRACTS SERVICE REGISTRY NUMBER

EPA=ENVIRONMENTAL PROTECTION AGENCY

N/AP=NOT APPLICATION

N/A=NOT AVAILABLE

NOISH=NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

OSHA=OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

PEL=PERMISSIBLE EXPOSURE LIMITS

SARA=SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT

Prepared by: Customer Services Division

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