

Material Safety Data Sheet  
NIGHT GLOW TEXTURE ADDITIVE  
Revision 18.05.2006

**SUBSTANCE/PREPARATION AND COMPANY**

**Chemical characterization:** ALKALINE EARTH METAL ALUMINATES EUROPIUM DOPED  
**Company:** GRANICRETE INTERNATIONAL, INC.  
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**SECTION ONE -- IDENTITY INFORMATION**

**PRODUCT NAME:** NIGHT GLOW TEXTURE ADDITIVE

**CHEMICAL/FAMILY NAME:**

ALKALINE EARTH METAL ALUMINATES EUROPIUM DOPED

**PRODUCT TYPE:** UNO-8B SERIES

**FORMULA:** SrAl<sub>2</sub>O<sub>4</sub>: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.

**SECTION TWO -- HAZARDOUS INGREDIENTS**

| INGREDIENTS           | GAS NUMBER         | % ACGIH-TLV | OSHA-PEL |
|-----------------------|--------------------|-------------|----------|
| AS INERT DUST (TOTAL) | 2MG/M <sup>3</sup> | ACGIN-TLV   |          |
|                       | 3MG/M <sup>3</sup> | OSHA-PEL    |          |

**SECTION THREE -- PHYSICAL DATA**

**APPEARANCE:** LIGHT-GREEN / NO ODOR

**MELTING POINT :** DISSOCIATES 1200<sup>0</sup> C

**VAPOR PRESSURE:** N/AP

**VAPOR DENSITY :** N/AP

**SOLUBILITY IN WATER :** INSOLUBLE

**WEIGHT PER CUBE METER:** 3600KG

**FLAMMABILITY CLASS:** N/AP

**EXTINGUISHING MEDIA:** WATER AND ACID

**SPECIFIC GRAVITY:** 3.6

**FREEZING POINT:** N/A

**UNO-8B SERIES**

**PERCENT VOLATILE:** N/AP

**EVAPORATION RATE:** N/AP

**PH (% IN WATER) :** 7.5-8.0

**FLASH POINT :** N/AP

**AUTO-IGNITION TEMP:** N/AP

**FIRE FIGHTING PROCEDURE-SPECIAL**

FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING CHEMICAL FIRES.

USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED

TO FIRE.  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
THIS PRODUCT WILL NOT BURN. USE APPROPRIATE TECHNIQUES TO FIGHT  
SURROUNDING FIRE.

#### **SECTION FOUR -- REACTIVITY DATA**

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

#### **SECTION FIVE -- HEALTH HAZARD DATA**

**RESPIRATORY EQUIPMENT:** LOCAL EXHAUST/MECHANICAL (GENERAL)  
**PROTECTIVE GLOVES:** PLASTIC OR NEOPRENE  
**EYE PROTECTION:** CHEMICAL GLASSES  
**VENTILATION:** OTHER PROTECTIVE EQUIPMENT, LABORATORY COAT  
**THRESHOLD LIMIT VALUE:** OSHA, PEL TOTAL DUST 3MG/M<sup>3</sup>  
**PRIMARY ROUTES OF EXPOSURE:** INHALATION/INGESTION/SKIN  
**OSHA PEL :** 3MG/M<sup>3</sup>  
**ACGIN TLV:** 2MG/M<sup>3</sup>  
**EFFECTS OF OVEREXPOSURE:** MAY CAUSE IRRIGATION TO EYES, SKINS & MUCOUS  
MEMBRANES  
**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 -- TOXICOLOGY INFORMATION**

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

#### **SECTION EIGHT – SPILL OR LEAK PROCEDURES**

**SPILL PROCEDURES:** WRAP APPROPRIATE PROTECTIVE EQUIPMENT TO AVOID  
THE GENERATION OF DUST . USE VACUUM OR SHOVEL TO DEAL WITH IF SPILL AND  
KEEP IN AIRTIGHT CONTAINER(S).  
**WASTE DISPOSAL METHODS:**  
LOCAL DISPOSE IN ACCORDANCE WITH STATE

#### **SECTION NINE -- REGULATORY 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 TEN -- SPECIAL PRECAUTIONS FOR INDUSTRIAL USE ONLY**

**HANDLING & STORAGE INFORMATION:**  
STORE IN AIRTIGHT & COOL DRY AREA WHEN HANDLING PROTECTIVE CLOTHING &  
RESPIRATORY APPARATUS TO AVOID SCATTERING INTO THE AIR.  
**OTHER MEASURES:**

CONSTITUTE A PLAN OF REGULAR HOUSEKEEPING TO MAINTAIN CLEANNESS.

### **SECTION ELEVEN -- 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/AY=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

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.

Recipients of our product must take responsibility for observing existing laws and regulations.

#### **Note:**

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