

Material Safety Data Sheet

AMBIENT GLOW TECHNOLOGY - AGT™ - SAND

Trade/Common Name: Ambient Glow Technology – SYS-F, ABS-F, SBS-F, SYS-C, ABS-C, SBS-C
CAS Number: N/A
Chemical Family Name: ALUMINATE

Synonym: LONG PERSISTENCE DOPED STRONTIUM ALUMINATE
Formula: PROPRIETARY

Statement: This material 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 ONE – CONTACT INFORMATION

Responsible Party: Universal One Corporation	Emergency and Informational Telephone Number: 905 250 9642
Address: 12 – 1064 Salk Road, Pickering, ON, L1V1W5	Date Prepared: January 17, 2016

SECTION TWO -- HAZARDOUS INGREDIENTS

Ingredients Gas Number % Acgih-TLV OSHA-PEL As Inert Dust (Total) 2mg/m3 Acgin-TLV 3mg/m3 OSHA-PEL

SECTION THREE – PHYSICAL

Appearance: Creme coloured solid, No odor
Melting Point: Dissociates >1800 F
Vapor Pressure: @ 20C: ND
Vapor Density: N/AP
Solubility in Water: Non-Soluble
Weight per cubic meter: 3.0 - 3.65
Flammability Class: N/AP
Extinguishing Media: Water
Specific Gravity (H2O=1): 3.0 - 3.65
Freezing Point: N/AP
Percent Volatile: N/AP
Evaporation Rate: N/AP
PH (10% in water): 10
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: Proper breathing apparatus.
Other Protective Equipment: Lab Coat
Threshold Limit Value: OSHA Pel total dust 3mg/m3.
Primary Routes of Exposure: Inhalation, Ingestion, Skin.
Osha Pel: 3m3/m3.
Acgin TLV: 3m3/m3
Effects of Overexposure: May cause irritation to eyes, skin and mucous membranes
Listed Carcinogen: None

SECTION SIX -- EMERGENCY & FIRST AID DATA

Skin: Wash off with soap and water, wear gloves when handling.
Eyes: Flush with water for 5 minutes.
Inhalation: Remove to fresh air.
Ingestion: Drink quantities of water and induce vomiting.

SECTION SEVEN -- TOXICOLOGY INFORMATION

INHALATION: Slight irritant
SKIN CONTACT: Moderate Skin irritant
SKIN ABSORPTION: N/A
EYE CONTACT: May cause minor eye irritation (mechanical)
INGESTION: N/A

SECTION EIGHT SPILL OR LEAK PROCEDURES

Spill Procedures: Wear appropriate protective equipment, avoid the generation of dust, vaccum or shovel. Material must be placed in closable container for disposal.

Waste Disposal Methods: Dispose in accordance with state and local regulations. NOT a RCRA hazardous waste.

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 HANDLING & STORAGE INFORMATION

Store closed in cool dry area when handling wear protective clothing and respiratory protection. Avoid scatter into air.

Other Precautions: maintain a schedule of regular housekeeping to insure cleanliness.

Disclaimer:

Universal One Corporation provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. UNIVERSAL ONE CORPORATION MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, UNIVERSAL ONE CORPORATION WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

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AMBIENT GLOW TECHNOLOGY - AGT™ - GLOW STONE

Trade/Common Name: 1/8" (4mm), 1/4" (8mm), 1/2" (12mm), 3/4" (16mm), 1.5"x 2" Glowing River Rock

CAS Number: N/A

Chemical Family Name: ALUMINATE

Synonym: LONG PERSISTENCE DOPED STRONTIUM ALUMINATE

Formula: PROPRIETARY

Statement: AGT™ stone is made with proprietary photo-luminescent pigment and our proprietary polyester resin. This material 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.

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SECTION TWO – PHYSICAL

Density	2.08g/cm3
BARCO Hardness	≥55
Bend Strength	≥100MPa
Impact Strength	≥14.00 KJ/m2
Thermal Deformation Temperature	≥185 degrees C
Elongation At Break	≥4.2%

SECTION THREE -- REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Contact with acids.

Incompatibility: Contact with acids.

Hazardous Decomposition Products: Will not occur.

SECTION FOUR -- HEALTH HAZARD DATA

Respiratory Equipment: Dust Mask.

Protective Gloves: Not Necessary.

Eye Protection: Not Necessary.

Ventilation: None.

Other Protective Equipment: None.

Primary Routes of Exposure: Skin.

Effects of Overexposure: None.

Listed Carcinogen: None.

Material Safety Data Sheet

AMBIENT GLOW TECHNOLOGY - AGT™ - GLOW STONE

SECTION FIVE -- EMERGENCY & FIRST AID DATA

Skin: Wash off with soap and water.

Eyes: Flush with water for 5 minutes.

Inhalation: Remove to fresh air.

Ingestion: N/A

SECTION SIX – TOXICOLOGY INFORMATION

Inhalation: N/A

Skin Contact: Moderate Skin irritant

Skin Absorption: N/A

Eye Contact: May cause minor eye irritation (mechanical)

Ingestion: N/A

SECTION SEVEN – HANDLING & STORAGE INFORMATION

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.

Other Precautions: maintain a schedule of regular housekeeping to insure cleanliness.

SECTION EIGHT -- ADDENDUM

NFPA Ratings: Health: 0 Flammability: 0 Reactivity: 0

Label Precautions:

Washing thoroughly after handling.

Use with adequate ventilation.

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