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VGS-3 FAP Green

Long After-Glow Photoluminescent Pigment

Material Safety Data sheet

This **MSDS** has been prepared in accordance with the criteria specified by Worksafe Australia's National Code of practice for the preparation of Material Data Sheets [**NOHS: 2011 (1994)**].

Document ID : L VGS-3 FAP GREEN

Version : 1.03

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Statement of Hazardous Nature: *Not classified as hazardous according to criteria of Worksafe Australia.*

1 IDENTIFICATION

PRODUCT NAME	:	VGS-3 FAP SERIES GREEN PIGMENT
CAS NUMBER	:	867217-47-8
DESCRIPTION	:	CRYSTAL FLUOALUMINATE COMPOUND
MANUFACTURER	:	VISIONGLOW GLOBAL LIMITED.
INTENDED USE OF PRODUCT	:	AS A LONG AFTER GLOW PHOTOLUMINESCENT PIGMENT FOR USE IN COATINGS AND PLASTICS MOULDING INDUSTRIES.
UN NUMBER	:	NOT APPLICABLE
PROPER SHIPPING NAME	:	NOT APPLICABLE
DANGEROUS GOODS CLASS	:	NOT APPLICABLE
SUBSIDIARY RISK PACKAGING GROUP	:	NOT APPLICABLE NOT APPLICABLE

POISONS SCHEDULE : NOT APPLICABLE
E.P.G. : NOT APPLICABLE

2 PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOUR : WHITE / PALE GREEN POWDER - BETWEEN
1 – 10 MICROMETERS DIAMETER

BOILING POINT : NOT APPLICABLE

VAPOUR PRESSURE : NOT APPLICABLE

VAPOUR DENSITY : NOT APPLICABLE

EVAPORATION RATE : NOT APPLICABLE

SOLUBILITY IN WATER : SLIGHT (0.1 – 1.0%)

SPECIFIC GRAVITY : 1.8 – 2.2 (Variable)

**VOLATILE ORGANIC
COMPOUNDS** : NOT APPLICABLE

PH : NOT APPLICABLE

VISCOSITY : NOT APPLICABLE

MELTING POINT : >900 DEGREES C

FLASH POINT : NOT APPLICABLE

FLAMMABLE LIMITS – LEL : NOT APPLICABLE

FLAMMABLE LIMITS – UEL : NOT APPLICABLE

AUTOIGNITION TEMPERATURE : NOT APPLICABLE

3 COMPOSITION

COMPOSITION : NOT APPLICABLE

CAS NUMBER : 867217-47-8

4 HEALTH HAZARDS

EFFECTS FROM EYE CONTACT : MECHANICAL EYE IRRITATION:
SIGNS/SYMPTOMS CAN INCLUDE
IRRITATION, REDNESS, SCRATCHING
OF THE CORNEA AND TEARING.

- EFFECTS FROM SKIN CONTACT** : MECHANICAL SKIN IRRITATION: SIGNS/SYMPTOMS CAN INCLUDE ITCHING AND REDNESS.
- EFFECTS FROM INHALATION** : IRRITATION TO UPPER RESPIRATORY TRACT: SIGNS/SYMPTOMS CAN INCLUDE SORE NOSE AND THROAT, COUGHING AND SNEEZING.
- EFFECTS FROM INGESTION** : IRRITATION TO THE TRACT: GASTROINTESTINAL SIGNS/SYMPTOMS CAN INCLUDE PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA, BLOOD IN VOMITUS AND BLOOD IN FAECES.

5 FIRST AID

- EYE CONTACT** : IN CASE OF EYE CONTACT, RINSE IMMEDIATELY WITH PLENTY OF WATER & OBTAIN IMMEDIATE MEDICAL ATTENTION.
- SKIN CONTACT** : FLUSH SKIN WITH LARGE AMOUNTS OF WATER, IF IRRITATION PERSISTS SEEK MEDICAL ADVICE.
- INHALATION** : AVOID INHALATION OF DUST. IF SIGNS/SYMPTOMS OCCUR, REMOVE PERSON INTO THE FRESH AIR. IF SIGNS/ SYMPTOMS CONTINUE TO PERSIST SEEK MEDICAL ADVICE.
- SWALLOWED** : IF SWALLOWED DRINK 2 GLASSES OF WATER AND CONTACT A DOCTOR OR THE POISONS INFORMATION CENTRE.

6 FIRE FIGHTING MEASURES

- SUITABLE EXTINGUISHING MEDIA** : NON COMBUSTIBLE: CHOOSE MATERIAL SUITABLE FOR SURROUNDING THE FIRE.
- FIRE FIGHTING PROCEDURES** : NOT APPLICABLE
- UNUSUAL FIRE AND EXPLOSION HAZARDS** : NO UNUSUAL FIRE AND EXPLOSION HAZARDS ARE ANTICIPATED.
- FIRE AVOIDANCE** : NOT APPLICABLE.

7 ACCIDENTAL RELEASE MEASURE (SPILL)

PERSONAL PRECAUTIONS	:	REFER TO OTHER SECTIONS OF THIS MSDS FOR INFORMATION REGARDING PHYSICAL AND HEALTH HAZARDS, RESPIRATORY PROTECTION, VENTILATION AND PERSONAL PROTECTIVE EQUIPMENT.
SPILL RESPONSE	:	VENTILATE AREA, VACUUM, USE WET SWEEPING COMPOUND OR WATER TO AVOID DUSTING.
METHODS FOR DISPOSAL	:	DISPOSE OF WASTE PRODUCT IN A SANITARY LANDFILL.

8 HANDLING AND STORAGE

STORAGE REQUIREMENTS	:	KEEP CONTAINER DRY. KEEP CONTAINER CLOSED WHEN NOT IN USE.
FIRE AVOIDANCE	:	NOT APPLICABLE

9 EXPOSURE CONTROLS / PROTECTION

EYE PROTECTION	:	AVOID EYE CONTACT. WEAR UNVENTED GOGGLES.
HAND PROTECTION	:	WEAR APPROPRIATE GLOVES WHEN HANDLING THIS MATERIAL.
INHALATION PROTECTION	:	AVOID BREATHING OF DUST. SELECT AND USE RESPIRATORS IN ACCORDANCE WITH AS/NZS 1715 WHEN REQUIRED. USE ONE OF THE FOLLOWING: HALF FACEPIECE PARTICULATE FILTER RESPIRATOR, (TYPE P, TYPE P2 OR TYPE P3).
SKIN PROTECTION	:	WEAR ADEQUATE FULL PROTECTIVE CLOTHING
PREVENTION OF ACCIDENTAL INGESTION	:	DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WASH EXPOSED AREAS THOROUGHLY WITH SOAP AND WATER. DO NOT INGEST. KEEP OUT OF REACH OF CHILDREN.
RECOMMENDED VENTILATION	:	USE WITH APPROPRIATE LOCAL EXHAUST VENTILATION. PROVIDE APPROPRIATE LOCAL EXHAUST VENTILATION AT TRANSFER POINTS. USE IN A WELL VENTILATED AREA. IF EXHAUST VENTILATION IS NOT ADEQUATE, USE APPROPRIATE RESPIRATORY PROTECTION.

10 EXPOSURE STANDARDS

WORKPLACE EXPOSURE:

In the absence of measured exposure data, the notifier has provided predicted workplace dermal and inhalation Exposure using the EASE (Estimation and assessment of Substance Exposure) model¹ for formulation of plastic products, formulation and end use of paints and inks containing the notified chemical.

The exposure estimates derived from the model assume an open system, and the absence of engineering controls and personal protective equipment. The dermal and inhalation exposure assessment does not include any form of uptake (such as absorption through the skin in the case of dermal exposure).

11 STABILITY AND REACTIVITY

STABILITY AND REACTIVITY : STABLE. HAZARDOUS POLYMERISATION WILL NOT OCCUR.

INCOMPATIBILITY – MATERIALS TO AVOID : ACIDS.

12 ECOTOXICITY

ENVIROMENTAL DATA : NOT DETERMINED.

OTHER ECOTOXICITY INFORMATION : NOT DETERMINED.

13 DISPOSAL CONSIDERATIONS

SPECIAL INSTRUCTIONS : CONTACT YOUR LOCAL WASTE AUTHORITY FOR DISPOSAL FOR SUITABLE DISPOSAL METHODS.

The information contained in this data sheet represents our current data and best opinion on the proper use and handling of this product under normal conditions. Any use of the product that is not in conformance with this data sheet, which involves using this product, or otherwise than in accordance with instructions of use on the product packaging is the responsibility of the user.

If clarification or additional information is needed to ensure that an appropriate risk assessment can be made, the user should contact Visionglow Pty. Ltd.

END OF MSDS