

SDS Report

No: JCT-SDS20181029003

Date: 2018/10/29

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Client's Name: FOSHAN JULIANG PHOTOLUMINESCENT PIGMENT COMPANY LIMITED.

Client's Address: 4 WORKSHOP, ZHANCHUAN TECHNOLOGY INDUSTRIAL ZONE, SHINAN VILLAGE, SHISHAN TOWN, NANHAI DISTRICT, FOSHAN CITY, GUANGDONG PROVINCE, CHINA.

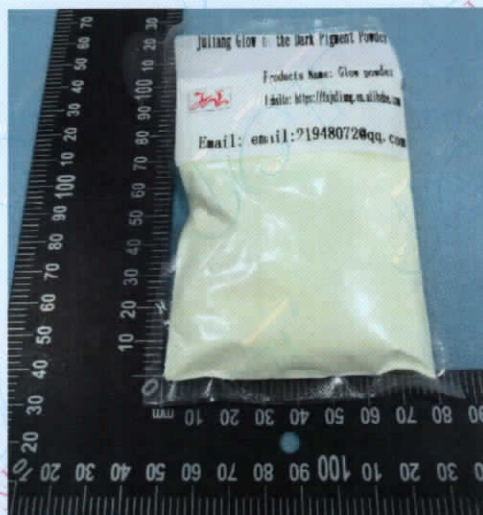
Product Name: GLOW POWDER

Job Receiving Date: 2018/10/25

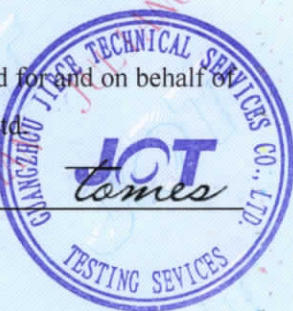
Preparation Period: 2018/10/25 - 2018/10/29

Service Requested: Safety Data Sheet (SDS)

Summary: The contents and format of this SDS are in accordance with Regulation (EC) No.1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 453/2010.



Signed for and on behalf of
JCT Ltd



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Section 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name: Glow Powder

Product number: /

Application of the substance / the preparation

End uses: Glowing signage, glowing buttons, glowing crafts, glowing ink...other glowing products

Details of the supplier of the material safety data sheet

Manufacturer/Supplier: Foshan Juliang Photoluminescent Pigment Company Limited.

4 Workshop, Zhanchuan Technology Industrial Zone, Shinan Village, Shishan Town, Nanhai

District, Foshan City, Guangdong Province, China.

Tel: +86-757-85853044

Fax: +86-757-85853004

E-mail: 754656198@qq.com

Only Representative/other EU contact point: Not available

Further information obtainable from: Foshan Juliang Photoluminescent Pigment Company Limited.

Emergency telephone number:

Emergency Phone: +86-13380245800

Reference Number: JCT-SDS20181029003

Section 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

The product is not classified according to Regulation (EC) No. 1272/2008.

Information concerning particular hazards for human and environment

The product has not to be labeled due to the calculation procedure of Regulation 1272/2008/EC.

Classification system

The classification is according to the latest edition of Regulation 1272/2008/EC, and extended by company and literature data.

Label elements

Labelling according to Regulation (EC) No. 1272/2008

Hazard pictograms Void

Signal word Void

Hazard statements Void

Precautionary statements Void

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Section 3: Composition / information on ingredients

Product characterization: Substance Mixture

Mixture

Description

Mixture of the substances listed below with nonhazardous additions.

Composition		%
CAS No.: 1633-05-2 EC/List No.: 216-643-7	Strontium carbonate	55 - 60
CAS No.: 1302-74-5 EC/List No.: 603-397-4	Aluminium oxide	36 - 42
CAS No.: 1308-87-8 EC/List No.: 215-164-0	Didysprosium trioxide	1.5 - 2.5
CAS No.: 1308-96-9 EC/List No.: 215-165-6	Europium(III) oxide	1.0 - 2.0

Remark

For the wording of listed hazard statements(if applicable) refer to section 16.

Section 4: First aid measures

Description of first aid measures

General advice

If symptoms persist, call a physician.

After inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.

After skin contact

Wash off with soap and plenty of water. If symptoms persist, call a physician.

After eye contact

Flush eyes with water as a precaution. If symptoms persist, call a physician.

After swallowing

Rinse thoroughly with plenty of water. Consult a physician.

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Section 5: Firefighting measures**Extinguishing media****Suitable extinguishing agents**

Carbon dioxide, extinguishing powder, water or foam.

Unsuitable extinguishing media

No further relevant information available.

Special hazards arising from the substance or mixture

No further relevant information available.

Advice for firefighters**Firefighting instructions**

All extinguishing media can be used.

Protective equipment

Wear self contained breathing apparatus for fire fighting if necessary.

Further information

No further relevant information available.

Section 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment as required.

Environmental precautions

Do not allow to enter sewers/surface water. Should not be released into the environment.

Methods and material for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7: Handling and storage

Handling

Precautions for safe handling

Avoid contact eyes and skin. Avoid ingestion and inhalation. Wash hands before breaks and immediately after handling the product.

Information about protection against fires and explosions

Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles

No special requirements.

Information about storage in one common storage facility

Store in a dry, cool and well-ventilated place.

Further information about storage conditions

No data available.

Specific end use(s)

Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

Section 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see section 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS No.: 1633-05-2	Lithuania: TWA: 6 mg/m ³
EC/List No.: 216-643-7	
CAS No.: 1308-87-8	
EC/List No.: 215-164-0	
CAS No.: 1308-96-9	
EC/List No.: 215-165-6	

DNELs: No information available.

PNECs: No information available.

Additional information:

The lists that were valid during the creation were used as basis.

Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

Appropriate engineering controls

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

General protective and hygienic measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Breathing protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly.

Hand protection

Handle with gloves.

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards.

Skin and body protection

Protective clothes.

Environmental exposure controls

Control measures must be made in accordance with community environmental protection legislation.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Form	Powder
Color	View picture
Odor	Odorless
Odor Threshold	No data available
pH-value	7 - 8 (mixed with water, 50g/l)
Change in condition	
Melting point	No data available
Boiling point	No data available
Freezing point	No data available
Flash point(closed cup)	Not applicable(no flash point)
Flammability (solid, gaseous)	Nonflammable

Auto-Ignition temperature	No data available
Decomposition temperature	No data available
Self-igniting temperature	Product is not self-igniting under normal conditions.
Explosive properties	Product is not explosive.
Explosion limits	
Lower	Not applicable
Upper	Not applicable
Oxidizing properties	The substance does not belong to oxidizing substances.
Vapour pressure	No data available
Density	3.0 g/cm ³
Relative density	No data available
Vapour density	Not applicable
Evaporation rate	Not applicable
Solubility in / Miscibility with	
Water	Partly soluble in water
Partition coefficient(n-octanol/water)	No data available
Viscosity	
Dynamic	Not applicable
Kinematic	Not applicable
Other information	
No information available.	

Section 10: Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	Stable at normal temperatures and storage conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	No data available.
Incompatible materials	Strong oxidizing agents.

Hazardous decomposition products

No data available.

Section 11: Toxicological information
Acute toxicity
LD50/LC50 values relevant for classification

Composition	Route of exposure	Type of test	Species observed	Dose/duration
CAS No.: 1633-05-2 EC/List No.: 216-643-7	Oral	LD50	Mouse	23700 mg/kg
CAS No.: 1302-74-5 EC/List No.: 603-397-4	No data available			
CAS No.: 1308-87-8 EC/List No.: 215-164-0	Oral	LD50	Rat	> 5000 mg/kg
CAS No.: 1308-96-9 EC/List No.: 215-165-6	Oral	LD50	Rat	> 5000 mg/kg

Primary irritant effect
Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Additional toxicological information
Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure

Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

Toxicity

Aquatic toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects

No data available.

Section 13: Disposal considerations

Waste treatment methods

Recommendation - Product

Follow all local, state, and federal regulations for disposal of waste chemicals.

Recommendation - Uncleaned packaging

Follow all local, state, and federal regulations for disposal of waste chemicals.

Section 14: Transport information

UN-Number

ADNR/ADR-RID Not restricted(Non-hazardous for transportation)

IMDG/IMO Not restricted(Non-hazardous for transportation)

Remark: Not subject to the IMDG Code(Amdt 38-16).

IATA/ICAO Not restricted(Non-hazardous for transportation)

Remark: Not subject to IATA DGR(59th, 2018)

UN proper shipping name**ADNR/ADR-RID** Not regulated**IMDG/IMO** Not regulated**IATA/ICAO** Not regulated**Transport hazard class(es)****ADNR/ADR-RID** Not regulated**IMDG/IMO** Not regulated**IATA/ICAO** Not regulated**Transport hazard subclass****ADNR/ADR-RID** Not regulated**IMDG/IMO** Not regulated**IATA/ICAO** Not regulated**Packing group****ADNR/ADR-RID** Not regulated**IMDG/IMO** Not regulated**IATA/ICAO** Not regulated**Environmental hazards****Marine pollutant** No**Special precautions for user**

No special precautions required.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable, packaged goods.

Section 15: Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture.**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Take note of Directive 94/33/EC on the protection of young people at work.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work.

National regulations**SVHC Candidate List of REACH Regulation Annex XIV Authorisation.**

None of ingredients is listed.

REACH Regulation Annex XVII Restriction.

None of ingredients is listed.

REACH Regulation Annex XIV Authorization List.

None of ingredients is listed.

Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

Section 16: Other information

Abbreviations and acronyms

ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).
IMDG	International Maritime Code for Dangerous Goods.
IMO	International Maritime Organization
IATA	International Air Transport Association.
ICAO	International Civil Aviation Organization
GHS	Globally Harmonized System of Classification and Labelling of Chemicals.
CAS	Chemical Abstracts Service
DNEL	Derived No-Effect Level (REACH).
PNEC	Predicted No-Effect Concentration (REACH).
LC50	Lethal concentration, 50 percent.
LD50	Lethal dose, 50 percent.
EC50	50% effective-concentration
BCF	Bioconcentration factor
IC50	half maximal inhibitory concentration
NOEC	no observed effect concentration
LOEC	Lowest Observed Effect Concentration
IARC	International Agency for Research on Cancer.
STEL	STEL (Short Term Exposure Limit).
TWA	TWA (time-weighted average).

Relevant hazard statements

None

The contents and format of this SDS are in accordance with REGULATION(EC) No 1907/2006, 1272/2008 and Regulation (EU) No 453/2010.

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