

Veeto Hobbies India

Plot no. 413, HSIIDC Industrial Area (Saha), Ambala (Haryana)
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Material Safety Data Sheet

NIGHT GLOW PIGMENT - YELLOW

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING.

Product identifier

Product Name: Night Glow Pigment Yellow
Chemical Name: Zinc sulfide (ZnS), copper and manganese-doped
CAS No: 68585-91-1
EC No: 271-599-6

Relevant identified uses of the substance and uses advised against.

Manufacture of thermoplastics (Industrial use)
Use in coatings, paints and inks (Industrial, Professional, Consumer use)
Calendering/Extrusion (Industrial use)
Industrial Spraying (Industrial use)
Masterbatch additive (Industrial use)

Uses advised against:

Uses other than those recommended.

Details of the supplier of the safety data sheet.

Company : Veeto Hobbies India
Address : Plot No. 413, HSIIDC Industrial Area,
Saha, Ambala, Haryana
Emergency phone : +91-7027002328
Business phone : +91-7027002329

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

Label elements

Labeling according to Regulation (EC) No 1272/2008: Not Applicable
Hazard pictograms: Not applicable
Signal word: Not applicable
Hazard statements: Not applicable

Other hazards

The product may have the following additional risks:
Contact with acids liberates toxic gas.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances.

Chemical Name: Zinc sulfide (ZnS), copper and manganese-doped
CAS No: 68585-91-1
EC No: 271-599-6

Mixtures.Not
Applicable

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

Inhalation

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Don't let the person rub the affected eye.

Skin contact

Remove contaminated clothing.

Ingestion

Keep calm. NEVER induce vomiting.

Most important symptoms and effects, both acute and delayed.No
known acute or delayed effects from exposure to the product.

Indication of any immediate medical attention and special treatment needed.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: FIRE FIGHTING MEASURES

This product is a non-combustible material.

Extinguishing Media

Suitable extinguishing media:

Normal extinguishing agents may be used if the substance is involved in a fire.

Unsuitable extinguishing media:

In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

Special hazards arising from the substance

Special risks

The formation of toxic gases is possible during heating or in case of fire:

Sulfur dioxide (SO₂)
Hydrogen sulfide (H₂S)

Advice for firefighters

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account.

Fire protection equipment

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For exposure control and individual protection measures, see section 8.

Environmental precautions

Product not classified as hazardous for the environment, avoid spillage as much as possible.

Methods and material for containment and cleaning up

The contaminated area should be immediately cleaned with an appropriate de-contaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

Reference to other sections

For exposure control and individual protection measures, see section 8.
For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

The product does not require special handling measures, the following general measures are recommended:
For personal protection, see section 8.
In the application area, smoking, eating, and drinking must be prohibited. Follow legislation on occupational health and safety.
Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

Conditions for safe storage, including any incompatibilities

The product does not require special storage measures.
As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided.
Keep away from oxidising agents and from highly acidic or alkaline materials.
Store the containers between 5 and 35° C, in a dry and well-ventilated place.
Store according to local legislation. Observe indications on the label.
The product is not affected by Directive 2012/18/EU (SEVESO III).

Specific end use(s)

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %
Uses:	Manufacture of thermoplastics (Industrial use) Use in coatings, paints and inks (Industrial, Professional, Consumer use) Calendering/Extrusion (Industrial use) Industrial Spraying (Industrial use) Masterbatch additive (Industrial use)
Breathing protection:	
PPE:	Particle filter mask
Characteristics:	«CE» marking, category III. Made of filtering material, it covers nose, mouth and chin.
CEN standards:	EN 149
Maintenance:	Check for any tears, defects, etc. before use. Since it is disposable individual protection equipment, it should be replaced after use.
Observations:	Does not protect worker unless properly adjusted. Follow the manufacturer's instructions regarding suitable use of the equipment.
Filter Type needed:	P2
Hand protection:	
PPE:	Protective gloves.
Characteristics:	«CE» marking, category II.
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or



Observations:	adhesives. Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.		
Material:	PVC (polyvinyl chloride)	Breakthrough time (min.):	> 480
		Material thickness (mm):	0,35
Eye protection:			
PPE:	Protective goggles against particle impacts.		
Characteristics:	«CE» marking, category II. Eye protector against dust and smoke.		
CEN standards:	EN 165, EN 166, EN 167, EN 168		
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions.		
Observations:	Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, scraping etc.		

Skin protection:	
PPE:	Protective clothing.
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.
CEN standards:	EN 340
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.
Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Information on basic physical and chemical properties.

Appearance :Powder
 Colour :Yellowish
 Odour: Odourless
 Odour threshold: N.A/N.A
 pH: N.A/N.A
 Melting point:> 401,5 °C
 Boiling Point: N.A/N.A
 Flash point: N.A/N.A
 Evaporation rate: N.A/N.A
 Inflammability (solid, gas): Product is not flammable
 Lower Explosive Limit: N.A/N.A
 Upper Explosive Limit: N.A/N.A
 Vapour pressure: N.A/N.A
 Vapour density: N.A/N.A
 Relative density:2
 Solubility:< 1,002.e-3 g/l (Zinc Compound)
 Liposolubility: N.A/N.A
 Hydrosolubility: N.A/N.A
 Partition coefficient (n-octanol/water): N.A/N.A
 Auto-ignition temperature: > 400°C
 Decomposition temperature: N.A/N.A
 Viscosity: N.A/N.A
 Explosive properties: N.A/N.A
 Oxidizing properties: N.A/N.A
 N.A/N.A= Not Available/Not Applicable due to the nature of the product

Other information.

Dropping point: N.A/N.A
 Blink: N.A/N.A
 Kinematic viscosity: N.A/N.A
 N.A/N.A= Not Available/Not Applicable due to the nature of the product

SECTION 10: STABILITY AND REACTIVITY

Reactivity

No further relevant information available.

Chemical stability

Thermal decomposition / conditions to be avoided:
 No decomposition if used and stored according to specifications.

Possibility of hazardous reactions

Reacts with acids

Conditions to avoid. Avoid temperatures above 800°C.

Incompatible materials
Keep away from acids.

Hazardous decomposition products
Sulfur Oxides (SO_x)
Hydrogen sulphide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects.

There are no tested data available on the product.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Splatters in the eyes can cause irritation and reversible damage.

- a) acute toxicity;
Not conclusive data for classification.
- b) skin corrosion/irritation;
Not conclusive data for classification.
- c) serious eye damage/irritation;
Not conclusive data for classification.
- d) respiratory or skin sensitisation;
Not conclusive data for classification.
- e) germ cell mutagenicity;
Not conclusive data for classification.
- f) carcinogenicity;
Not conclusive data for classification.
- g) reproductive toxicity;
Not conclusive data for classification.
- h) STOT-single exposure;
Not conclusive data for classification.
- i) STOT-repeated exposure;
Not conclusive data for classification.
- j) aspiration hazard;
Not conclusive data for classification.

SECTION 12: ECOLOGICAL INFORMATION.

Toxicity

No information is available regarding the eco toxicity.

Persistence and degradability

No information is available regarding the biodegradability.

No information is available on the degradability. No information is available about persistence and degradability of the product.

Bioaccumulative potential

No information is available regarding the bioaccumulation.

Mobility in soil

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

Prevent penetration into the ground.

Results of PBT and vPvB assessment

No information is available about the results of PBT and vPvB assessment of the product.

Other adverse effects

No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

Waste classification according to the European Waste Catalogue:

06 WASTES FROM INORGANIC CHEMICAL PROCESSES

06 03 wastes from the MFSU of salts and their solutions and metallic oxides

06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

SECTION 14: TRANSPORT INFORMATION

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

UN number

Transportation is not dangerous.

UN proper shipping name

Description:

ADR: Transportation is not dangerous.

IMDG: Transportation is not dangerous.

ICAO/IATA: Transportation is not dangerous.

Transport hazard class(es)

Transportation is not dangerous.

Packing group

Transportation is not dangerous.

Environmental hazards

Transportation is not dangerous.

Special precautions for user

Not applicable. Transportation is not dangerous.

Transport in bulk according to Annex II of MARPOL and the IBC Code.

Transportation is not dangerous.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): N/A

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Kind of pollutant to water (Germany): WGK 1: Slightly hazardous to water. (Autoclassified according to the AwSV Regulations)

Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Changes regarding to the previous version:

- Changes in the information of the supplier (SECTION 1.3).
- Change in the emergency number (SECTION 1.4).
- Modification of the classification ADR/IMDG/ICAO/IATA/RID (SECTION 14).

It is recommended that the product only be employed for the purposes advised.

Abbreviations and acronyms used:

AwSV: Facility Regulations for handling substances that are hazardous for the water.

CEN: European Committee for Standardization.

PPE: Personal protection equipment.

WGK: Water hazard classes.

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