



Safety Data Sheet : Glow in the dark

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	:	Glow in the dark
Recommended Use	:	Surface coating. Applied by brush, roller.
Supplier	:	Berger Paints India Limited Berger House 129 Park Street Kolkata 700017
Emergency Telephone	:	1800-103-6030
E-mail	:	customerfeedback@bergerindia.com
Date of Issue	:	12/09/2020

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Product definition	:	Mixture
Ingredients of unknown toxicity	:	not known
Ingredients of unknown eco-toxicity	:	not known

Based on available information, not classified as hazardous substance.

Label elements

Signal word	:	no signal word
Hazard statements	:	no known significant or critical hazard
Precautionary statements	:	
General	:	P102 – keep out of reach of children
Prevention	:	P262 – do not get in eyes, on skin or on clothing
Response	:	P312 – call a doctor if you feel unwell
Storage	:	Not applicable
Disposal	:	P501 – dispose off contents and containers in accordance with all local, regional, national or international regulations.



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Not classified as Dangerous Goods for transport by Road and Rail; NON-DANGEROUS GOODS.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Mixture of pigments	--	10-40%
Water	7732-18-5	10-40%
CMIT/MIT (3:1)	55965-84-9	≤0.0015%
Methyl isothiazolinone	2682-20-4	≤0.03%
1,2-benzisothiazol-3(2H)-one	2634-33-5	<0.05%
Synthetic polymer(s)	--	15-30%
Ingredients determined not to be hazardous	--	To 100%

4. FIRST AID MEASURES

General :

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact:

If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

Eye Contact:

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion:

Rinse mouth with water. If swallowed, give a glass of water to drink. Seek medical advice.

Protection of first-aiders:

No action shall be taken involving any personal risk or without any suitable training

Medical attention and special treatment:

Treat symptomatically.



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5. FIRE FIGHTING MEASURES

Hazards from combustion products:

Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning will emit toxic fumes.

Precautions for fire fighters and special protective equipment:

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable Extinguishing Media:

Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

If contamination of sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up:

SMALL SPILLS: Slippery when wet. Avoid accidents, clean up immediately. Collect in a container for disposal via special chemical waste collection.

LARGE SPILLS: Slippery when spilt. Avoid accidents, clean up immediately. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

7. HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s)

Precautions for safe handling :

Avoid contact with skin and eyes. Avoid inhalation of vapour, spray or mist. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Put on appropriate personal protective equipment (see section 8).

Never use pressure to empty, container is not a pressure vessel.

Comply with health and safety at work place.

Do not allow to enter drains or waterways.



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When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour should wear a compressed air-fed respirator during spraying process and until such time as the particulars and solvent vapour concentration has fallen below the exposure limit.

Conditions for safe storage:

Store in accordance with local regulations.

Note on joint storage

Store in cool place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks. Keep away from oxidizing agents, strong acids and alkali.

Additional information on storage conditions

Observe label precautions. Store in cool dry well ventilated place away from direct sunlight and source of heat. Keep the container tightly closed. No smoking. Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Keep out of reach of children. Avoid eye contact and repeated or prolonged skin contact.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

No value assigned for this specific material

Engineering controls:

Provide adequate ventilation. If using indoors, keep windows and doors open during use. Keep containers closed when not in use.

Personal Protective Equipment:

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Personal Protection: B - OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

MANUFACTURE, PACKAGING AND TRANSPORT: Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

FOR CONSUMER USE: If there is a risk of eye contact and repeated or prolonged skin contact wear gloves and safety glasses. Wash hands after use.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Viscous liquid
Colour	:	Off white
Odour	:	Bland
Solubility	:	Miscible with water.
Specific Gravity	:	1.20-1.40 at 30°C
Relative Vapour Density (air=1)	:	Not available
Vapour Pressure (20 °C)	:	Not available
Flash Point (°C)	:	Not applicable (Water based product)
Flammability Limits (%)	:	Not applicable
Auto-ignition Temperature (°C)	:	Not applicable
%Volatile by Weight	:	Not available
Solubility in water (g/L)	:	Miscible
Melting Point/Range (°C)	:	Not applicable
Boiling Point/Range (°C)	:	100 (water)
Decomposition Point (°C)	:	Not available
pH	:	8-10
Viscosity	:	Not available
Evaporation Rate	:	Not available

10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions of use.
Conditions to avoid	:	Avoid contact with foodstuffs.
Incompatible materials	:	Incompatible with oxidizing agents.
Hazardous decomposition products	:	Oxides of carbon.
Hazardous reactions	:	None known.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: No adverse effects expected, however, large amounts may cause nausea and vomiting.

Eye contact: May be an eye irritant.

Skin contact: Contact with skin may result in irritation.



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Inhalation: Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

Long Term Effects:

No information available for the product.

Toxicological Data: No LD50 data available for the product.

12. ECOLOGICAL INFORMATION

Eco-toxicity

There is no data available on the mixture itself. Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

For small quantities: Do not pour leftover paint down the drain. Unwanted paint should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty paint containers should be left open in a well ventilated area to dry out. When dry recycle the container via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council first. For large quantities: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION

UN No : none
GGV/IMDG Code : none
RID/ADR : none
ICAO/IATA-DGR : none

15. REGULATORY INFORMATION

Classification : Not classified as hazardous

S2 : Keep out of reach of children (Retail Sales only)
S24/25 : Avoid contact with skin and eyes



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16. OTHER INFORMATION

This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Berger Paints India Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Berger Paints India Limited representative or Berger Paints India Limited at the contact details on page 1.