

Safety Data Sheet

1. Product Identification

Commercial Product Name: Photoluminescent Acrylic Latex Paint

Manufacturer Name: Techno Glow Inc.

Manufacturer Address: 901 West Ennis Avenue, Ennis Texas 75119

Manufacturer Phone: (844) 884-3377 or (651) 243-3452

Manufacturer Email: support@technoglowproducts.com

2. Hazard(s) Identification

OSHA/HCS Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the Substance or Mixture: Not Classified.

GHS Signal Word: No signal word.

GHS Hazard Statement: No known significant effects or critical hazards.

General Precautionary Statements: Read label before use. Keep out of reach of children. Do not take internally. Not recommended for skin applications. If medical advice is needed, have product container or label at hand.

3. Composition and Ingredients Information

Ingredient Name: Heavy Paraffinic Oil CAS Number 64742-65-0 ($\leq 1\%$ by weight)

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin Contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising from Chemical: In a fire or if heated, a pressure increase will occur, and the container may burst.

Hazardous Thermal Decomposition Products: Decomposition products may include the following materials: carbon dioxide and carbon monoxide.

Special Protective Actions for Fire-Fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special Protective Equipment for Fire-Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

Precautions & Procedures for Non-Emergency Personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

Precautions & Procedures for Emergency Responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Cleaning Up Small Spills: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Cleaning Up Large Spills: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. Handling and Storage

Protective Measures: Put on appropriate personal protective equipment (see Section 8).

Advice on General Occupational Hygiene: Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for Safe Storage, Including any Incompatibilities: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

8. Exposure Controls and Personal Protection

Occupational Exposure Limits (OSHA USA): Heavy Paraffinic Oil with CAS number 64742-65-0.

OSHA PEL (United States, 5/2018). TWA: 5 mg/m³ 8 hours.

ACGIH TLV (United States, 3/2019). TWA: 5 mg/m³ 8 hours. Form: Inhalable fraction.

NIOSH REL (United States, 10/2016). TWA: 5 mg/m³ 10 hours. Form: Mist STEL: 10 mg/m³ 15 minutes. Form: Mist.

Appropriate Engineering Controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental Exposure Controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Hygiene Measures: Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye and Face Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields.

Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should always be worn when handling chemical products if a risk assessment indicates this is necessary.

Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other Skin Protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification.

Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

9. Physical and Chemical Properties

Physical State: Liquid.

Color: Not available.

Odor: Not available.

Odor Threshold: Not available.

PH: 9

Melting/Freezing Point: Not available.

Boiling Point: 100°C (212°F)

Flash Point: Closed cup. Not applicable.

Evaporation Rate: 0.09 (butyl acetate = 1)

Flammability (Solid, Gas): Not available.

Lower and Upper Explosive (Flammable) Limits: Not available.

Solubility: Not available.

10. Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability: The products is stable.

Conditions to Avoid: No specific data.

Incompatible Materials: No specific data.

Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Eye Contact: Not available.

Skin Contact: Not available.

Inhalation: Not available.

Ingestion: Not available.

Chronic Effects: Not available.

Acute Toxicity Values:

Product Name: Heavy Paraffinic Oil

Result: LD50 Dermal; Species: Rabbit; Dose: >5000 mg/kg

Result: LD50 Oral; Species: Rat; Dose >5000 mg/kg

Aspiration Hazard:

Product Name: Heavy Paraffinic Oil

Result: Aspiration Hazard – Category 1

12. Ecological Information

Toxicity: Not available.

Persistence & Degradability: Not available.

Bioaccumulate Potential: Not available.

Mobility in Soil: Not available.

Other Adverse Effects: No known significant or critical hazards.

13. Disposal Information

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transport Information

Dangerous Good in the Sense of the Transport Regulations: NO

In Accordance with IATA: Not Hazardous - Not Dangerous - Not Flammable.

In Accordance with DOT, TDG, IMDG: Not Regulated - Not Hazardous - Not Dangerous - Not Flammable.

15. Regulatory Information

SARA 313 (40 CFR 372.45): Supplier notification can be found on the Environmental Data Sheet.

California Prop. 65 Warning: This product contains chemicals known to California to cause cancer and birth defects or other reproductive harm.

TSCA Certification: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

16. Other Information

This information, which describes our product as to possible security requirements, is based on the present state of our knowledge and experience. It is given in good faith, but no warranty, expressed or implied, in respect of the quality and properties of our product are made.

This material safety data sheet (MSDS) has been prepared in compliance with United States Federal OSHA (Occupational Safety and Health Administration) Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a non-hazardous substance under that standard. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

The above information pertains to this product as currently formulated and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

Updated: 01 January 2020