

SAFETY DATA SHEET



SDS Version Number: 1.0
 SDS Version Date: 21/02/2018

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER


| | |
|------------------------------|---|
| Product Name | Artwrap Glow Liquid Products (Liquid Contents) |
| Other Names (if applicable) | Glow necklace, Glow stick lanyard, Glow favours, Glow accessories, Glow packs |
| Product Code | E2142, E2143, E2144, E2145, E2146, E2147, E2148, E2308, E2569, E2570, E2571, E2572, E2573, 2574, E2575, E2576, E2577, E2578, E2579, E2580, E2581, E3016, E4910, E4911 |
| Barcode Number | Not Available |
| Recommended Use | Use as a source of light |
| Company Name | IG Design Group Australia Pty Limited |
| ABN | 58 052 145 310 |
| Street Address | 121 Rayhur Street, Clayton South, Victoria, 3169, Australia |
| Telephone Number | +613 9541 0500 |
| Supplier Code | Not Applicable |
| Other Emergency Phone Number | Australia - 13 11 26 (Poisons Information Centre) |

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture
 According to the WHS Regulations and the ADG Code.

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|---|
| HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code. |
| Classification: Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 2/2A |
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| |

Label elements

| | | | | |
|---------------------------|--|--|--|--|
| <i>GHS label elements</i> |  | | | |
| <i>Signal Word</i> | WARNING | | | |

Hazard statement (s)

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|--------------------------------------|
| H315: Causes skin irritation. |
| H319: Causes serious eye irritation. |
| |

Precautionary statement (s)

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| Prevention |
| P264: Wash hands thoroughly after handling. |
| P280: Wear protective gloves. |
| Response |
| P302+P352: IF ON SKIN: Wash with plenty of water/soap. |
| P332+P313: If skin irritation occurs: Get medical advice/attention. |
| P362+P364: Take off contaminated clothing and wash it before reuse. |
| P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313: If eye irritation persists: Get medical advice/attention. |
| Storage/Disposal |
| Not Applicable |
| |

Other hazards

| |
|------|
| None |
| |
| |

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4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (phone Australia 13 11 26) or a doctor

(For each route of exposure provide indication of medical attention and special treatment needed including description of most important symptoms, acute and delayed)

| | |
|-------------------|--|
| Inhalation | If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary. Seek medical advice if irritation persists. |
| Skin Contact | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water and wash with soap. If irritation is experienced, seek medical advice. |
| Eye Contact | If in eyes wash out immediately with water. Removal of contact lenses should only be undertaken by a skilled professional. If irritation is experienced, seek medical advice. |
| Ingestion | If swallowed, do NOT induce vomiting. Immediately give a glass of water. For advice, contact a Poisons Information Centre (phone Australia 13 11 26) or doctor. |
| Note to Physician | Treat symptomatically. |

5. FIRE FIGHTING MEASURES

| | |
|---|--|
| Hazards from combustion products | Combustible with minor fire hazard when exposed to flame. Product containers may rupture upon heating. On decomposition, may emit toxic fumes of carbon monoxide (CO), carbon dioxide (CO ₂), nitrogen oxides (NO _x) and other pyrolysis products typical of burning organic material. |
| Precautions for firefighters and special protective equipment | Alert Fire Brigade and tell them location and nature of hazard. Use water delivered as a fine spray to control fire and cool adjacent area. |
| Suitable / Unsuitable extinguishing material | No restrictions on fire extinguishing medium. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|--|---|
| Emergency procedures | Remove all heat/ignition sources. Clean up all spills immediately. Avoid contact with skin and eyes. Control personal contact with the substance by using protective equipment, chemical resistant gloves and eye protection. |
| Methods and materials for containment and clean up | Contain material and wipe up all spills immediately using inert absorbent material. Following product recovery, flush area with water. |
| Environmental precaution(s) | None, however adhere to best practice and avoid discharge to drains and waterways. |

7. HANDLING AND STORAGE

| | |
|-------------------------------|--|
| Precautions for safe handling | Avoid reaction with oxidising agents. Do not leave glow stick in direct sunlight or expose to high temperatures. Do not expose liquid to naked lights or ignition sources. Do not puncture or cut plastic container. Dispose of product if there are any signs of damage or leakage. |
| Conditions for safe storage | Packaging as recommended by manufacturer. Store in product containers, in a cool location. Check product containers are free from leaks before using product. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | Standard Name | TWA ppm | TWA mgm3 | STEL ppm | STEL mgm3 |
|-------------------------------|---|---------|----------|----------|-----------|
| National Exposure Standards | Dimethylphthalate | - | 5 | - | - |
| | Hydrogen peroxide | 1 | 1.4 | - | - |
| Biological Limit Values | Not Available. | | | | |
| Engineering Controls | Ensure adequate ventilation adhering to listed exposure standards when containing any accidentally released product. Typically not required when product is used as directed. | | | | |
| Personal Protective Equipment | Chemical resistant gloves and protective eyewear when managing accidentally released product. Generally not required when product is used as directed. | | | | |

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Physical State | Liquid |
| Colour | Pink, Yellow, Blue, Green, Orange, Purple |
| Odour | Odourless |
| pH | 6.9 |
| Specific Gravity or Density | Not Available |
| Vapour Pressure | Not Available |
| Vapour Density | Not Available |
| Percent Volatiles | Not Available |
| Boiling Point Range | 250°C |
| Freezing/ Melting Point | -30°C |
| Solubility | Miscible |
| Flash Point (include method detection) | 80°C |
| Flammability Limits | Not Available |
| Ignition Temperature | Not Available |
| Kinematic Viscosity (include temperature) | Not Available |
| Other | None |

10. STABILITY AND REACTIVITY

| | |
|----------------------------------|--|
| Reactivity | Under normal storage conditions and use, hazardous reactions should not occur. |
| Chemical Stability | Product is considered stable under recommended conditions. |
| Conditions to avoid | Avoid excessive heat and sources of ignition. |
| Incompatible Materials | Avoid reaction with oxidising agents. |
| Hazardous Decomposition Products | May evolve carbon oxides and hydrocarbons when heated to decomposition. |
| Hazardous Reactions | Hazardous polymerisation will not occur. |

11. TOXICOLOGICAL INFORMATION

Health Effects

| | | | | |
|----------------------------------|--|-------------------------------|--------------------------|--------------------|
| | Product mixture is not classified as acutely toxic by any route of exposure. | | | |
| Acute Toxicity | Ingredient | Oral LD50 | Inhalation LC50 | Dermal LD50 |
| | Hydrogen peroxide | LD50 693.7 - 1270 mg/kg (rat) | LD50 2000 mg/kg (rabbit) | - |
| Skin Contact | Product mixture is classified as causing skin irritation on contact. May cause inflammation in some individuals and can accentuate existing dermatitis conditions. | | | |
| Eye Contact | Product mixture is classified as causing serious eye irritation. Can cause lacrimation and redness. | | | |
| Sensitisation - Respiratory/Skin | Not classified as a skin or respiratory sensitiser. | | | |
| Mutagenicity | Not classified as a mutagen. | | | |
| Carcinogenicity | Not classified as a carcinogen. | | | |
| Reproductive | Not classified as a reproductive toxin. | | | |
| STOT - Single Exposure | Not classified as causing organ damage from single exposure. | | | |
| STOT - Repeated Exposure | Not classified as causing organ damage from repeat exposure. | | | |
| Aspiration | Not classified as an aspiration hazard. | | | |

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12. ECOLOGICAL INFORMATION

| | Ingredient | Endpoint/ Duration | Species | Value | |
|-------------------------------|------------------------------------|-----------------------|---------|-------|--|
| Ecotoxicity | - | - | - | - | |
| Persistence and Degradability | Not Available for product mixture. | | | | |
| Mobility | Not Available for product mixture. | | | | |
| Other Adverse Effects | None | | | | |
| Bioaccumulation Potential | Not Available for product mixture. | | | | |

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13. DISPOSAL CONSIDERATIONS

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|--|---|
| Disposal methods (including container disposal) | Recycle wherever possible or consult manufacturer for recycling options. Consult State Land Waste Authority for disposal. Bury or incinerate residue at an authorised landfill. |
| Special precautions for landfill or incineration | None |

14. TRANSPORT INFORMATION

| Regulation | UN Number | Proper Shipping Name | DG Class | Packing Group | Label | Additional Information |
|------------|----------------|----------------------|----------------|----------------|----------------|------------------------|
| ADG | None Allocated | None Allocated | None Allocated | None Allocated | None Allocated | None |
| IMDG | None Allocated | None Allocated | None Allocated | None Allocated | None Allocated | None |
| IATA | None Allocated | None Allocated | None Allocated | None Allocated | None Allocated | None |

15. REGULATORY INFORMATION

| | |
|--------------------------------------|--|
| Poisons Schedule (Australia only) | Not Scheduled |
| APVMA Status | Not Applicable |
| TGA Status | Not Applicable |
| AICS Status | All components of this product are listed on the AICS or exempt. |

16. OTHER INFORMATION

| | |
|--------------------|-------------|
| SDS Version Number | 1.0 |
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| Reason for issue | New Product |

Key/Legend to Abbreviations and Acronyms used in the SDS:

| Abbreviation/Acronym | Meaning |
|----------------------|--|
| ADG | Australian Code for the Transport of Dangerous Goods by Road and Rail |
| AICS | Australian Inventory of Chemical Substances |
| APVMA | Australian Pesticides and Veterinary Medicines Authority |
| AQIS | Australian Quarantine and Inspection Service |
| AS | Australian Standard (as issued by Standards Australia) |
| ASCC | Australian Safety and Compensation Council |
| DG ERG Code | Dangerous Goods Emergency Response Guidebook Code. The Emergency Response Guidebook is used by first responders (e.g. firefighters, police officers and ambulance personnel) when responding to a transportation emergency involving hazardous materials. |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LD ₅₀ | The median lethal toxicological dose, LD ₅₀ is an abbreviation for "Lethal Dose, 50%" of a toxic substance. This is the dose required to kill half the members of a tested population. |
| NOHSC | National Occupational Health and Safety Commission |
| SDS | Safety Data Sheet |
| STEL | Short Term Exposure Limit - A 15 minute TWA exposure which should not be exceeded at any time during a working day even if the eight-hour TWA average is within the TWA exposure standard. Exposures at the STEL should not be longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at the STEL. |
| TGA | Therapeutic Goods Administration |
| TLV | Threshold Limit Value - TLV is a proprietary name registered by the American Conference of Governmental Industrial Hygienists (ACGIH) and refers to airborne concentrations of substances or levels of physical agents to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect. |
| TWA | Time Weighted Average - The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week. |
| UN Number | UN numbers are four-digit numbers that identify hazardous substances, and articles (such as explosives, flammable liquids, toxic substances, etc.) in the framework of international transport. |

This SDS has been prepared by SGS from current technical data and summaries, at the date of issue, their best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the home or workplace.

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End of SDS