

# MATERIAL SAFETY DATA SHEET

## PRODUCT IDENTIFICATION

**PRODUCT NAME** : Luminescent Line Marking Paint

**OTHER NAMES** : Photo-Luminescent Line Marking Paint

**NOT CLASSIFIED AS HAZARDOUS ACCORING TO THE CRITERIA AS SET OUT BY WORKSAFE AUSTRALIA**

**MANUFACTURER'S CODE** : F-Lineplumwht

**U.N. NUMBER** : Not applicable

**DANGEROUS GOODS CLASS** : Not applicable

**PACKAGING GROUP** : Not applicable

**SUBSIDIARY RISK** : Not applicable

**POISONS SCHEDULE** : Not applicable

**HAZCHEM CODE** : Not applicable

**USE (MAJOR USES AND METHODS OF APPLICATION)** : A white coloured coating used to decorate, identify and protect structures.

### PHYSICAL DESCRIPTION/PROPERTIES

**APPEARANCE** : White coloured, viscous liquid

**SPECIFIC GRAVITY** : 1.5 – 2.0 @ 20°C

**VAPOUR PRESSURE** : >1 (Pa) @ 20°C

**REL. VAPOUR DENSITY** : none established

**BOILING POINT** : 100°C

**SOLUBILITY IN WATER** : miscible

**ODOUR** : ammonia

**FLASH POINT ASTM D93** : non-flammable

**EXPLOSIVE LIMITS** : not applicable

**% VOLATILES BY VOLUME** : 50%

**pH** : 10-10.5

**FORM** : Liquid

### INGREDIENTS

CHEMICAL ENTITY	CAS No.	PROPORTION
Acrylic/copolymer latex emulsion	-	30 - 60% w/w
Inert Extender Pigments	-	1 - 10%w/w
Pigment	13463-67-7	20 - 30%w/w
Pigment-Photo Luminescent	-	20 - 30%w/w
Additives, unspecified	-	1 - 10% w/w
Water	7732-18-5	30-60% w/w

<b>HEALTH HAZARD INFORMATION</b>
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**HEALTH EFFECTS**

- SWALLOWED** : Considered an unlikely route of entry in commercial/industrial environments. The liquid is discomforting and may be harmful if swallowed. Ingestion may cause nausea, vomiting and abdominal irritation.
- EYE** : This product may produce eye discomfort and is capable of causing temporary impairment of vision and/or transient eye inflammation, ulceration. The vapour is mildly discomforting to the eyes.
- SKIN** : The liquid is mildly discomforting to the skin and may cause skin reactions, which may lead to dermatitis. The material may accentuate any pre-existing dermatitis condition.
- INHALATION** : The vapour/mist is mildly discomforting to the upper respiratory tract and lungs. Inhalation hazard is increased at higher temperatures. Acrylic co-polymer emulsions may contain residual traces of odourous acrylic monomers; the amounts remaining in compounded mixtures represents a very low order of exposures, however this may become noticeable with some materials particularly in confined or poorly ventilated spaces.
- CHRONIC HEALTH EFFECTS** : Principal routes of exposure are usually by skin contact with the material and inhalation of vapour/spray mist. Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following. As with any chemical product, contact with unprotected skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

**FIRST AID**

- SWALLOWED** : Rinse mouth with plenty of water. If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, and if more than 15 minutes from hospital:  
1: Induce vomiting with IPECAC SYRUP or fingers down the back of the throat, ONLY IF CONSCIOUS. Lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. NOTE: Wear a protective glove when inducing vomiting by mechanical means.  
2: REFER FOR MEDICAL ATTENTION WITHOUT DELAY.  
3: In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition.  
4: If services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the MSDS should be provided. Further action will be the responsibility of the medical specialist.  
5: If medical attention is not available on the worksite or surroundings, send patient to a hospital together with a copy of the MSDS.
- EYE** : If this product comes in contact with eyes:  
1: Immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water.  
2: Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.  
3: Transport to hospital or doctor without delay.  
4: Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
- SKIN** : If solids or aerosol mists are deposited upon the skin:  
1: Wash affected area with plenty of water and soap if available.  
2: Remove any adhering solids with industrial skin cleansing cream.  
3: NO NOT use solvents.  
4: Remove contaminated clothing and wash before re-use.  
5: If irritation occurs seek medical advice.

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**HEALTH HAZARD INFORMATION cont.**

**INHALATION :** 1: If fumes or combustion products are inhaled: Remove to fresh air.  
2: Lay patient down. Keep warm and rested.  
3: Remove contaminated clothing and loosen remaining clothing.  
4: If breathing is laboured, ensure airways are clear and have qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In event of cardiac arrest, apply external cardiac massage. Seek medical advice.  
5: Transport to hospital or doctor.

**ADVICE TO DOCTOR :** Treat symptomatically.

**PRECAUTIONS FOR USE**

**EXPOSURE LIMITS :** None assigned. Refer to individual constituents.

ACRYLIC COPOLYMER LATEX  
No exposure limits set by NOHSC or ACGIH.

**ENGINEERING CONTROLS:** Use in well-ventilated areas.  
Spraying only to be carried out in conditions to local state regulations. Unprotected personnel must vacate the spraying area. General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear an approved respirator. Correct fit is essential to obtain adequate protection. Provide adequate ventilation in warehouse or closed storage area areas.

**PERSONAL PROTECTION:** **EYE:** Safety glasses with side shields; or as required, Chemical goggles. Contact lenses pose a special hazard: soft lenses may absorb irritants and all lenses concentrate them.  
**HANDS/FEET:** Barrier cream with polyethylene gloves or: Wear protective gloves: i.e. Disposable polyethylene gloves or Cotton gloves or Light weight rubber gloves, with Barrier cream preferably. Safety footwear.  
**OTHER:** 1: Overalls. 2: Eyewash unit.  
DO NOT spray directly on humans, exposed food or food utensils.  
Use a respirator when dry sanding.

**FLAMMABILITY:** Product is non-flammable.

**SAFE HANDLING INFORMATION**

**STORAGE AND TRANSPORT :** **SUITABLE CONTAINER:** Lined metal can; Lined metal pail/drum; Plastic pail; Polyliner drum. Packaging as recommended by manufacturer. Check that all containers are clearly labelled and free from leaks.  
**STORAGE INCOMPATIBILITY:** Avoid storage with oxidisers.  
**STORAGE REQUIREMENT:**  
1: Store in original containers.  
2: Keep containers securely sealed.  
3: Store in a cool, dry, well ventilated area.  
4: DO NOT allow to freeze.  
5: Store away from incompatible materials.  
6: Protect containers against physical damage and check regularly for leaks.  
7: Observe manufacturer's storing and handling recommendations.

Continued.....

<b>SAFE HANDLING INFORMATION cont.</b>
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**TRANSPORTATION** : No restrictions.

**SPILLS AND DISPOSAL:**

**MINOR SPILLS:**

- 1: Clean up all areas immediately.
- 2: Avoid breathing vapours and contact with skin and eyes.
- 3: Control personal contact by using protective equipment.
- 4: Contain and absorb spill with sand, earth, inert material or vermiculite.
- 5: Wipe up.
- 6: Place in a suitable labelled container for waste disposal.

**MAJOR SPILLS:**

Minor hazard.

- 1: Clear area of personnel.
- 2: Alert Fire Brigade and tell them location and nature of hazard.
- 3: Control personal contact by using protective equipment as required.
- 4: Prevent spillage from entering drains and waterways.
- 5: Contain spill with sand, earth, inert material or vermiculite.
- 6: Collect recoverable product into labelled containers for recycling.
- 7: Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal.
- 8: Wash area and prevent runoff into drains and waterways.
- 9: If contamination of drains and water ways occurs, advise emergency services.

**DISPOSAL:**

- 1: Recycle wherever possible. Consult manufacturer for recycling options.
- 2: Consult State Land Waste Management Authority for disposal.
- 3: Recycle if possible, otherwise dispose in a chemically secure landfill.
- 4: Recycle containers if possible, or dispose of in an authorised landfill.

**FIRE/EXPLOSION HAZARD:**

- 1: This product is not readily combustible under normal conditions.
- 2: However, it will breakdown under fire conditions and the organic compound may burn.
- 3: Not considered to be a significant fire risk.
- 4: Heat may cause expansion or decomposition with violent rupture of containers.
- 5: Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).
- 6: May emit acid smoke.

**OTHER INFORMATION:**

**AUSTRALIAN POISONS INFORMATION CENTRE**  
**24 HOUR SERVICE: 13 11 26**

**POLICE OR FIRE BRIGADE: 000 (Exchange: 1100)**

**COMPANY** : **The GB Paint Co.**

**ADDRESS** : **46 Taunton Drive Cheltenham,  
Melbourne Vic. 3192**

**TELEPHONE NO.** : **03 9583-7055**

**FAX NO.** : **03 9583-7077**

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**CONTACT POINT :** **Technical Manager (03) 9583-7055**

**DATE : Jun 06**

**SIGNED :**

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