



Allure Glow International Pty. Ltd.

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Photo - Luminescent Line Marking PAINT
Material Safety Data Sheet

Description:

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

Product Name	GlowLine Line Marking Paint
CHEMICAL NAME.....	Acrylic Polymer in water
CHEMICAL FAMILY.....	Acrylic Polymer in water
FORMULA.....	Not applicable (mixture)
CAS # AND NAME.....	Not applicable (mixture)
SYNONYMS.....	None

1.2 COMPANY IDENTIFICATION

Allure Glow International Pty. Ltd.

1.3 EMERGENCY TELEPHONE NUMBERS

61 3 9867 7161

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CONCENTRATION % by weight	HAZARD
Emulsion + Additives	92	None
	8	None
(CAS # 7732-18-5		Water

3. HAZARD IDENTIFICATION

3.1 HEALTH HAZARD DATA

3.1.1 EFFECTS OF A SINGLE OVEREXPOSURE

Swallowing

No evidence of harmful effects from available information.

Skin absorption

No evidence of harmful effects from available information

Inhalation

Trace component and residual monomer vapours may be irritating to the eyes, mucous membrane, respiratory tract, and may produce systems of headache, nausea in poorly ventilated areas.

Skin Contact

Prolonged contact may cause transient reddening of the skin.

Eye Contact

Direct contact may cause eye irritation.

3.1.2 EFFECTS OF REPEATED OVEREXPOSURE

No evidence of harmful effects from available information.

3.1.3 MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE

A knowledge of the available toxicology information and of the physical and chemical properties of the matter suggests that overexposure is unlikely to aggravate existing medical conditions.

3.1.4 OTHER EFFECTS OF OVEREXPOSURE

No evidence of harmful effects from available information.

4. FIRST AID MEASURES

4.1 SWALLOWING

Drink 1-2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person. No harmful effects expected.

4.2 INHALATION

Move to fresh air. No emergency care anticipated.

4.3 SKIN CONTACT

Wash skin with soap and water until water is no longer cloudy. If clothing is soaked, remove and wash before reuse. If skin irritation persists, call a physician.

4.4 EYE CONTACT

Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

4.5 NOTES TO PHYSICIAN

Toxicology studies have shown this or similar material to be of very low acute toxicity. There is no specific antidote. Treatment of overexposure should be directed at the control of systems and the clinical condition of the patient.

5. FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

This product is a non-flammable aqueous emulsion. After water evaporates, the remaining material will burn. Use extinguishing media appropriate to the surrounding medium.

5.2 EXTINGUISHING MEDIA TO BE AVOIDED

None.

5.3 SPECIAL FIRE FIGHTING PROCEDURES

None

5.4 SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Use self-contained breathing apparatus when fighting fires in enclosed areas.

5.5 UNUSUAL FIRE AND EXPLOSION HAZARDS

Product will not burn but may splatter if temperature exceeds boiling point of water. Dried can burn giving off oxides of carbon.

5.6 Thermal decomposition

Thermal decomposition may yield acrylic monomers.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled.

Restrict the area to only those personnel needed. Major spills should be collected for disposal. Minor spills may be flushed into sewer if permitted by national, state and local regulations.

7. HANDLING & STORAGE

7.1 HANDLING

General Handling Precautions

Avoid breathing vapours in top of shipping container.

Use with adequate ventilation.

Avoid contact with skin and clothing.

Wash thoroughly after handling.

Ventilation

General (mechanical) room ventilation is expected to be satisfactory. Use local exhaust if needed to control mist and vapours.

Other Precautions

Keep from freezing – product stability may be affected. **STIR WELL BEFORE USE.**

7.2 STORAGE

Store at temperature from 1 – 49 C. Keep container closed when not in use.

Other Data:

Monomer vapors can be evolved when material is heated during the processing operations. Formaldehyde will be generated under acidic conditions. Maintain adequate ventilation under these conditions to prevent exposure to formaldehyde above the recommended ceiling of 0.3 ppm.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION

Respiratory Protection

None should be required. If necessary, use OSHA / NIOSH - approved respirators in poorly ventilated areas.

Hand Protection / Protective Gloves

Use gloves impervious to water and soap.

Eye Protection

Safety glasses.

Other Protective Equipment

Eye bath and safety shower.

9. TOXICOLOGY INFORMATION

9.1 ACUTE TOXICOLOGY INFORMATION

Information on analogous product shows minimal toxicity concerns.

9.2 OTHER TOXICOLOGICAL INFORMATION

Information on analogous product shows minimal toxicity concerns.

9.3 ADDITIONAL INFORMATION

The profile of the emulsion is as follows:

Acute oral toxicity LD50rat > 5,000 mg/Kg

Acute dermal toxicity LD50rabbit > 5,000 mg/Kg

Skin Irritation rabbit May cause transient irritation

Eye Irritation: rabbit No eye irritation

10. ECOLOGICAL INFORMATION

There is no data available for this product

11. DISPOSAL CONSIDERATIONS

CCA

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

WASTE DISPOSAL METHOD (S)

Recycle or incinerate or absorb water and bury in a suitable landfill where permitted under appropriate national and local regulations.

12. TRANSPORT INFORMATION**TRANSPORT CLASSIFICATION**

ADR/RID.....: This product is not submitted to the ADR regulations.

IMDG.....: This product is not submitted to the IMO regulations.

MARPOL.....: ANNEX 11.....: Not evaluated at this moment.
ANNEX 111.....: Not classified.

ICAO.....: This product is not submitted to the ICAO regulations.

13. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....: Liquid
 COLOUR.....: White Milky
 ODOUR.....: Ammonia
 MOLECULAR WEIGHT.....: Mixture
 pH.....: 10.0 – 10.6
 BOILING POINT.....: ~ 100° C
 FREEZING POINT.....: ~ 0° C
 MELTING POINT.....: Not Applicable
 FLASH POINT.....: Noncombustible (aqueous system)
 FLAMMIBILITY LIMITS.....: LOWER: Not Applicable (aqueous system)
 IN AIR (% by volume).....: UPPER: Not Applicable (aqueous system)
 SPECIFIC GRAVITY (H₂O = 1).....: 1.5 – 2.0
 VAPOUR PRESSURE.....: 2.266.4808 Pa at 20C water
 VAPOUR DENSITY (air =1).....: <1
 EVAPORATION RATE.....: <1.00 Water
 Viscosity, Dynamic.....: < 7 poise
 SOLUBILITY IN WATER.....: Dilutable
 (% by weight)
 PERCENT VOLATILES.....: 49 – 50% Wt % (Water)

Note: The physical data presented above are typical values and should not be construed as a specification.

14. STABILITY AND REACTIVITY

14.1 STABILITY.....Stable

Conditions to Avoid.....None

Incompatible Materials.....None

Polymerisation.....Will Not Occur

Conditions to Avoid.....None

15. REGULATORY INFORMATION

15.1 EU CLASSIFICATION

DANGER SYMBOL (S).....: - -

EC REFERENCE NUMBER.....: - Note (s): - -

RISK PHRASES.....: - -

SAFETY PHRASES.....: - -

LABEL TEXT.....: - -FOR INDUSTRIAL USE ONLY

15.2 REGULATORY DATA

All other national and local regulations, if applicable to the use, transport or disposal of this product, should be observed.

15.3 CHEMICAL INVENTORY INFORMATION

EINECS

The component monomers of this polymer are listed on the EINECS inventory.

TSCA

This product is on or exempt from the TSCA inventory.

MITI

This product is on the MITI inventory.

DSL

This product is on the DSL inventory

NEPA

This product is on the China inventory.

16. OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONS

Please consult the relevant product and/or application information for this product.

REVISED SECTIONS IN THIS ISSUE:

All sections in this issue have been revised.

END OF MSDS