

## SAFETY DATA SHEET INFORMATION

For further information: Please refer to the Safety Data Sheet following

Issue: May 19

**PRODUCT:** Hairline Fix

**Other Names:** High solids repair coating

**Uses:** Marine repair

**Signal Word:** None

|                               |      |
|-------------------------------|------|
| <b>UN No.:</b>                | N/R  |
| <b>Dangerous Goods Class:</b> | N/R  |
| <b>Subsidiary Risk:</b>       | None |
| <b>Packing Group:</b>         | N/R  |
| <b>Hazchem Code:</b>          | N/R  |
| <b>IMDG:</b>                  | N/R  |

|                            |  |
|----------------------------|--|
| <b>Hazard Category:</b>    | This product classification is in accordance with the Regulation EC#1272/2008, and determined to be hazardous.<br>This product is classified as hazardous in accordance with GHS criteria in Australia |
| <b>Hazard Statement:</b>   | Irritant   |
| <b>GHS Classification:</b> | Skin Corrosion/Irritation: 3; Chronic Aquatic Toxicant: 3  |
| <b>Exposure Standards:</b> | TWA: None specified; consider 5 g/m <sup>3</sup> ; STEL: None specified; consider 5 g/m <sup>3</sup>   |

### Physical Characteristics (Typical)

Section 9 of the SDS

|   |   |
|---|---|
| Appearance                              | Opaque, coloured viscous liquid                                 |
| Boiling Point/Range (°C):               | > 200   |
| Flash Point (°C):                       | > 100   |
| Specific Gravity/Density (g/ml @ 15°C): | 1.8   |
| pH:                                     | Neutral   |
| Chemical Stability:                     | Stable at room temperature and pressure                         |
| Reactivity:                             | Excessive heat, oxidising agents, mineral acids, strong alkalis |

### Product Ingredients

Section 3 of the SDS

| Ingredient        | CAS Number | EINECS Number | Proportion |
|-------------------|------------|---------------|------------|
| Resin mixtures    | various    | various       | > 70       |
| Pigment           | 13463-67-7 | 263-675-5     | < 20       |
| Rheology modifier | various    | various       | < 5        |

For further ingredients information, please refer to the full SDS

### GHS Pictograms

Section 2 of the SDS



### DEFINITIONS

|                      |   |
|----------------------|---|
| Dangerous Goods      | Products that are regulated for transport under the UN International guidelines are classified as Dangerous Goods. Products can be classified by their physical characteristics and may have only one Dangerous Goods designation, although may have a subsidiary risk. These products may be Dangerous Goods for transport by Air and Sea, but may not be classed as Dangerous Goods by Road and Rail in Australia. Refer to the Australian Code for Transport of Dangerous Goods by Road and Rail (ADG) for more information. |
| Hazardous Substances | Hazardous Substances are those products that are intrinsically hazardous by virtue of their chemical nature, rather than as a condition of their misuse. These hazards include mutagens, teratogens, carcinogens, and products that are harmful or irritant in nature. These products may or may not carry a Dangerous Goods classification.  |

**SUMMARY INFORMATION ONLY**

**Poisons**

Poisons are products that are regulated by the dose or exposure, often having physical and chemical effects at certain concentrations particular to the nature of the product. The associated warnings, cautions and First Aid instruction are prescriptive under the regulation in Australia.

## 1. IDENTIFICATION

**Product Name:** Hairline Fix  
**Other Names:** High solids repair coating  
**Chemical Family:** Non-regulated coating  
**Molecular Formula:** Mixture  
**Recommended Use:** Marine repair  
**Supplier:** MagicEzy Pty Ltd.  
**ACN:** 164 925 571  
**Address:** 2/1 Kerryl Street, Kunda Park QLD 4556 Australia  
**Telephone:** +61 7 5456 4110 (During office hours 9am – 5pm)  
**Fax:** +61 7 5456 4112  
**Emergency Phone:** +61 7 404 822 333  
**All other inquiries:** <http://www.magicezy.com>

## 2. HAZARDS IDENTIFICATION

### Hazard Category

This product classification is in accordance with the Regulation EC#1272/2008, and determined to be hazardous.

### GHS Classification

Skin Corrosion/Irritation: 3; Chronic Aquatic Toxicant: 3

### GHS Pictograms



### Hazard Statement

Irritant

### Hazard Statements

H317: May cause an allergic skin reaction

H320: Causes eye irritation

H373: May cause damage to organs through prolonged or repeated exposure

H413: May cause long lasting harmful effects to aquatic life

### Precautionary Statements

P262: Do not get in eyes, on skin, or on clothing.

P273: Avoid release to the environment.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P302+352: IF ON SKIN: Wash with plenty of water/...

### Dangerous Goods Classification N/R

**Signal Word** None

Supplemental Hazard information (EU)<sup>58</sup>: Not applicable.

### 3. COMPOSITION: Information on Ingredients

| Chemical Ingredient  | CAS Number | EC Number | Proportion (% v/v) |
|----------------------|------------|-----------|--------------------|
| Resin mixtures       | various    | various   | > 70               |
| Pigment              | 13463-67-7 | 263-675-5 | < 20               |
| Rheology modifier    | various    | various   | < 5                |
| Surfactants          | various    | various   | < 2                |
| n-Methyl Pyrrolidone | 872-50-4   | 212-828-1 | < 2                |
| pH balancer          | 141-43-5   | 205-484-3 | < 1                |

### 4. FIRST AID MEASURES

For advice, contact Poisons Centre <https://poisoncentres.echa.europa.eu> or your local doctor.

In Australia, contact the Poisons Information Centre (131126), or a doctor.

#### Ingestion

If swallowed, give water to drink. If patient feels unwell, seek medical advice.

#### Eye Contact

Flush eyes with large amounts of water until irritation subsides. If irritation persists, seek medical advice.

#### Skin Contact

Wash off skin with soap and cold water. If irritation or other symptoms develop, seek medical advice.

#### Inhalation

If exposed, remove to fresh air and keep at rest. If unwell, seek medical advice.

#### First Aid Facilities

Access to clean, cold water.

#### Medical Attention

Treat according to symptoms. There are no narcotic effects with this product.

### 5. FIRE FIGHTING MEASURES

This product is unlikely to pose a combustion risk, nor provide a significant 'fuel' hazard. If possible, segregate the product from the source of the fire, if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

#### Suitable Extinguishing Media

(For large volume fires.) Alcohol resistant foam, water spray or fine spray mist.

#### Hazards from combustion products

Carbon monoxide, carbon dioxide, and other organic material

#### Precautions for fire fighters and special protective equipment

Fully self-contained breathing apparatus

#### Hazchem Code

N/R

### 6. ACCIDENTAL RELEASE MEASURES

#### Emergency Procedures

This product is supplied in small quantities; however, if stored with large quantities of similar packaged product, consider the following action:

- Prevent product from escaping to drains and waterways;
- Contain leaking packaging in a suitable receptacle;
- Prevent vapours or fumes from building up in confined areas;

- Ensure that drain valves are closed at all times (in case of use with fire fighting liquid/foam); and
- Clean up and report spills immediately.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

This product can become dusty, risking combustion hazard with an ignition source. Keep container closed when not in use. Wear appropriate PPE to avoid inhalation, skin and eye contact.

### Conditions for Safe Storage

Store in a cool, dry place away from direct sunlight. Protect containers from physical damage and check regularly for leaks. Avoid release to the environment, store in bunded areas and ensure exit drains are closed.

### Incompatible Materials

None established

## 8. EXPOSURE CONTROLS: PERSONAL PROTECTION

### National Exposure Standards

The time weighted average concentration (TWA) for this product is: None specified; consider 5 g/m<sup>3</sup>, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None specified; consider 5 g/m<sup>3</sup>, which is the maximum allowable exposure concentration at any time. Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): None applies in this case. In addition to the exposure concentrations may be a subsidiary caution in such cases where the product is a skin sensitiser, represented as (Sen), where None applies in this case.

### Biological Limit Values (BLV)

No data available

### Engineering Controls: Ventilation

The use of local exhaust ventilation is not essential to control process emissions near the source. Laboratory samples can be handled in a fume hood, but are safely managed at open benches. Consider mechanical ventilation of confined spaces. Explosion proof equipment is not required when handling this product.

It is recommended that standard industrial hygiene practices are employed when using this product, e.g. it is recommended to wash hands after using this product, before eating, drinking, or smoking.

### Personal Protective Equipment

**Respiratory Protection:** It is unlikely that vapour concentrations in air may approach or exceed the limits described in the National Exposure Standards; however, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type 'A' filter material is considered suitable for this product.

**Eye Protection:** Consider the use of safety glasses when handling this product, as standard industrial hygiene practice; protective eye wear is not essential when using this product.

**Skin/Body Protection:** There is no essential recommended outer-wear required when handling this product. For further information on skin protection, refer to Section 11: Skin Contact effects.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| Property                 | Unit of measurement     | Typical Value                   |
|--------------------------|-------------------------|---------------------------------|
| Appearance               | None                    | Opaque, coloured viscous liquid |
| Boiling Point/Range      | °C                      | > 200                           |
| Flash Point              | °C                      | > 100                           |
| SG/Density (@ 15°C)      | g/ml; kgm <sup>-3</sup> | 1.8                             |
| Vapour Pressure @ 20°C   | kPa                     | No data available               |
| Vapour Density @ 20°C    | g/ml; kgm <sup>-3</sup> | No data available               |
| Autoignition Temperature | °C                      | No data available               |

| Property                 | Unit of measurement | Typical Value          |
|--------------------------|---------------------|------------------------|
| Explosive Limits in Air  | % vol/vol           | No data available      |
| Viscosity @ 20°C         | cPs, mPas           | 1000                   |
| Percent volatiles        | % vol/vol           | nil                    |
| Acidity/alkalinity as pH | None                | Neutral                |
| Solubility in Water      | g/l                 | Miscible               |
| Other solvents           | -                   | Alcohols, hydrocarbons |

The values listed are indicative of this product's physical and chemical properties. A Certificate of Analysis for each product batch can be made available on request.

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable at room temperature and pressure

### Conditions to avoid

Excessive heat, oxidising agents, mineral acids, strong alkalis

### Hazardous decomposition products

Carbon monoxide, carbon dioxide, other complexes on incomplete burning or oxidation

### Hazardous reactions

None established

### Hazardous polymerisation

Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Effects

#### **Ingestion**

This product is not considered to be toxic if ingested nor result in any narcotic effects. If intentionally misused the product may cause discomfort on swallowing, if consumed in a large quantity and may result in gastric disturbance.

#### **Eye Contact**

If in eyes, this product will result in blurred vision until the product is cleared. There is no risk to eye tissue, but tearing and redness are likely, similar to any foreign matter in contact with the eye. No corneal damage is likely.

#### **Skin Contact**

Contact with this product may result in mild irritations evidenced by itchiness or dryness of the affected area. This product is not considered toxic or harmful via contact with skin.

#### **Inhalation**

This is a low odour, low vapour product and is unlikely to present an inhalation risk.

### Chronic Effects

There are no known chronic effects associated with this product overall, and it is considered not to be toxic or harmful via standard routes of exposure.

### Other Health Effects Information

Individuals with pre-existing skin or respiratory conditions, such as psoriasis or eczema, may be sensitive to this product. Components of this product have, in concentration, significant health effects, however the ingredients are contained in very low proportions.

### Toxicological Information

Oral LD<sub>50</sub>: No data available: consider > 2000 mg/kg

Dermal LD<sub>50</sub>: No data available: consider > 2000 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### **Aquatic Toxicity (Acute):**

|                                  |   |
|----------------------------------|---|
| Fish Toxicity LC <sub>50</sub> : | No data available; consider > 1000 mg/L |
| Daphnia Magna EC <sub>50</sub> : | No data available; consider > 1000 mg/L |
| Blue-green algae:                | No data available; consider > 1000 mg/L |
| Green algae:                     | No data available; consider > 1000 mg/L |

#### **Aquatic Toxicity (Chronic):**

|                                  |   |
|----------------------------------|---|
| Fish Toxicity LC <sub>50</sub> : | No data available; consider > 1000 mg/L |
| Daphnia Magna EC <sub>50</sub> : | No data available; consider > 1000 mg/L |
| Blue-green algae:                | No data available; consider > 1000 mg/L |
| Green algae:                     | No data available; consider > 1000 mg/L |

**Persistence/Biodegradability:** Elements of this product are likely to persist

**Bioaccumulative Potential:** This mixture does not contain any substances that are assessed to be a Persistent, Bioaccumulative and Toxic (PBT) Substance.

**Mobility:** This product (in large quantities) will be mobile on release to the environment, risking contamination of waterways, soils and grasslands

## 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

This product is not considered to pose an environmental threat when dry, and is safe for disposal to landfill. Our company does encourage recycling, and empty packaging is suitable for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities in these instances. Consult the List of Wastes (LoW) for management.

### Special Precautions

Dry product is suitable for disposal by landfill; and, it is discouraged to dispose of these products via municipal sewers, drains, natural streams or rivers. Wet product and packaging should be treated and disposed through chemical waste treatment, or considered for use in recycling. There are no specific instructions for recycling this product or its packaging.

## 14. TRANSPORT INFORMATION

| Road and Rail Transport     |                       | Marine Transport            |                       | Air Transport               |                       |
|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|
| <b>UN No.</b>               | N/R                   | <b>UN No.</b>               | N/R                   | <b>UN No.</b>               | N/R                   |
| <b>Proper Shipping Name</b> | Non-regulated coating | <b>Proper Shipping Name</b> | Non-regulated coating | <b>Proper Shipping Name</b> | Non-regulated coating |
| <b>DG Class</b>             | N/R                   | <b>DG Class</b>             | N/R                   | <b>DG Class</b>             | N/R                   |
| <b>Sub. Risk</b>            | None                  | <b>Sub. Risk</b>            | None                  | <b>Sub. Risk</b>            | None                  |
| <b>Packing Group</b>        | N/R                   | <b>Packing Group</b>        | N/R                   | <b>Packing Group</b>        | N/R                   |
| <b>Hazchem</b>              | N/R                   | <b>Hazchem</b>              | N/R                   | <b>Hazchem</b>              | N/R                   |

### Dangerous Goods Segregation

This product is not regulated for transport by Road and Rail.

### Environmental Hazards

There are no specific environmental considerations for transport of this product.

### Special Precautions for Transport

Transport in bulk according to Annex II of MARPOL and the IBC Code.

## 15. REGULATORY INFORMATION

**Country/Region:** Australia, Europe, USA, Asia

**Inventory:** AICS, ECHA

**Status:** Listed

**UN Number:** N/R

**Dangerous Goods Class:** N/R

**Subsidiary Risk:** None

**Packing Group:** N/R

**Hazchem Code:** N/R

**IMDG:** N/R

## 16. OTHER INFORMATION

**Reasons for Issue:** Upgrade to GHS SDS format; amalgamated supplier and regulatory changes in all sections.

### Abbreviations:

AICS: Australian Inventory of Chemical Substances

ATE: Acute Toxicity Estimate

CAS Number: Chemical Abstracts Number

EC: European Chemical identification number

ECHA: Classification and Labelling Inventory

EINECS: European Inventory of Existing Chemical Substances

GESTIS: German Listing of Hazardous Substance by Occupational Limit Values, occupational medicine

GHS: Globally Harmonised System

IARC: International Agency for Research on Cancer

IUCLID: International Uniform Chemical Information Database

LC<sub>50</sub>: Lethal Concentration to 50% of sample population

LD<sub>50</sub>: Lethal Dose to 50% of sample population

LoW: List of Wastes

N/A: Not applicable

N/R: Non-regulated

PEC: Predicted Effect Concentration

PNEC: Predicted Non-effect Concentration

PPE: Personal Protective Equipment

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

UN: United Nations

### References:

- Supplier Safety Data Sheets
- <http://hsis.safework.gov.au/SearchHS.aspx> (May 19)
- Animal toxicology data: <http://chem.sis.nlm.nih.gov/chemidplus> (May 19)
- Ecotoxicology data: [http://cfpub.epa.gov/ecotox/quick\\_query.htm](http://cfpub.epa.gov/ecotox/quick_query.htm) (May 19)
- *Sax's Dangerous Properties of Industrial Materials*, Richard J Lewis Snr., pub. Canada (2005)

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact MagicEzy Pty Ltd.