

SAFETY DATA SHEET INFORMATION

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

Issue: May 19

PRODUCT: 9-Second Chip Fix

Other Names: High solids repair coating

Uses: Marine repair

Signal Word: None

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

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

Physical Characteristics (Typical)

Section 9 of the SDS

| | |
|---|---|
| Appearance | Opaque, coloured viscous paste |
| 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: | 9-Second Chip Fix |
| Other Names: | High solids repair coating |
| Chemical Family: | Paint and Paint related materials |
| 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.magiczy.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)⁵⁸: 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 |
| Texturisers | various | various | < 2 |
| 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

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 is unlikely to present a fire or explosion risk. Under extreme temperatures, this product may burn and decompose, but is unlikely to be a significant fuel source. Vapours in extreme temperatures may be irritating, but are unlikely to pose a significant health risk. Product quantities are usually held as not more than approx. 5 kg.

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/m³, 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/m³, 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 paste |
| Boiling Point/Range | °C | > 200 |
| Flash Point | °C | > 100 |
| SG/Density (@ 15°C) | g/ml; kgm ⁻³ | 1.8 |
| Vapour Pressure @ 20°C | kPa | No data available |
| Property | Unit of measurement | Typical Value |
| Vapour Density @ 20°C | g/ml; kgm ⁻³ | No data available |
| Autoignition Temperature | °C | No data available |
| 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 significant 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 low risk to eye tissue being scratched with textured material in the formula. Tearing and redness are likely, similar to any foreign matter in contact with the eye. Mechanical 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 LD₅₀: No data available: consider > 2000 mg/kg Dermal

LD₅₀: No data available: consider > 2000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity (Acute):

Fish Toxicity LC₅₀: No data available; consider > 1000 mg/L

Daphnia Magna EC₅₀: 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 LC₅₀: No data available; consider > 1000 mg/L

Daphnia Magna EC₅₀: 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.

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

Note: The above detail is true for liquid product. It should be noted that the product poses no risk to the environment when cured.

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 | |
|-------------------------|--------------|----------------------|--------------|----------------------|--------------|
| UN No. | Not Required | UN No. | Not Required | UN No. | Not Required |
| Proper Shipping Name | Not Required | Proper Shipping Name | Not Required | Proper Shipping Name | Not Required |
| DG Class | Not Required | DG Class | Not Required | DG Class | Not Required |
| Sub. Risk | None | Sub. Risk | None | Sub. Risk | None |
| Packing Group | Not Required | Packing Group | Not Required | Packing Group | Not Required |
| Hazchem | Not Required | Hazchem | Not Required | Hazchem | Not Required |

Dangerous Goods Segregation

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

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

LC₅₀: Lethal Concentration to 50% of sample population

LD₅₀: 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 (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.
