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SAFETY DATA SHEET INFORMATION

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

Issue:1st May 2024

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 determinded to be hazardous.
	This products is classified as hazardous in accordance with GHS criteria in Australia
Hazard Statement:	Warning
GHS Classification:	Skin Corrosion/Irritation: 2; Serious Eye Damage / Eye Irritation: 2A
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):	100
Flash Point (°C):	> 100
Specific Gravity/Density (g/ml @ 15°C):	1.05
pH:	7.5 – 8.5
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.magicezy.com

2. HAZARDS IDENTIFICATION

Hazard Category

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

GHS Classification

Skin Corrosion/Irritation: 2; Serious Eye Damage / Eye Irritation: 2A

GHS Pictograms

Hazard Statement

Warning

Hazard Statements

H319 - Causes serious eye irritation
H315 - Causes skin irritation

Precautionary Statements

P280 - Wear protective gloves. Wear eye or face protection.
P264 - Wash hands thoroughly after handling.
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+362-2+363: IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.
P332 + P313 - If skin irritation occurs: Get medical attention.
P337 + P313 - If eye irritation persists: Get medical attention.

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
Oxirane, methyl-, polymer with oxirane, monobutyl ether	9038-95-3	618-542-7	< 5
2-dimethylaminoethanol	108-01-0	203-542-8	< 5
Texturisers	various	various	< 2
Surfactants	various	various	< 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

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Skin Contact

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

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 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/m^3, 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^3, 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	100
Flash Point	°C	> 100
SG/Density (@ 15°C)	g/ml; kgm^{-3}	1.05
Vapour Pressure @ 20°C	kPa	No data available
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	7.5 to 8.5
Solubility in Water	g/l	Miscible
Other solvents	-	-

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 LD_{50}: No data available: consider > 2000 mg/kg

Dermal LD_{50}: No data available: consider 1220 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity (Acute):

Fish Toxicity LC_{50}:	No data available; consider > 1000 mg/L
Daphnia Magna EC_{50}:	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_{50}:	No data available; consider > 1000 mg/L
Daphnia Magna EC_{50}:	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

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.	N/R	**UN No.**	N/R	**UN No.**	N/R
Proper Shipping Name	-	**Proper Shipping Name**	-	**Proper Shipping Name**	-
DG Class	N/R	**DG Class**	N/R	**DG Class**	N/R
Sub. Risk	None	**Sub. Risk**	None	**Sub. Risk**	None
Packing Group	N/R	**Packing Group**	N/R	**Packing Group**	N/R
Hazchem	N/R	**Hazchem**	N/R	**Hazchem**	N/R

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
LC_{50}: Lethal Concentration to 50% of sample population
LD_{50}: 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 24)
- Animal toxicology data: http://chem.sis.nlm.nih.gov/chemidplus (May 24)
- Ecotoxicology data: http://cfpub.epa.gov/ecotox/quick_query.htm (May 24)
- *Sax's Dangerous Properties of Industrial Materials*, Richard J Lewis Snr., pub. Canada (2005)