

1. IDENTIFICATION

Product Name **Proto-colour** All colours

Use A water-based coloured coating for additive manufactured parts and post finishing 3d prints.

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2. HAZARDS IDENTIFICATION

Not classified as Hazardous according to criteria of Safe Work Australia

Not classified as Dangerous Goods according to criteria of the Australian Code for the transport of Dangerous Goods by Road and Rail.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS NO	PROPORTION
Ingredients determined as non-hazardous or below cut off levels.		100%

4. FIRST AID MEASURES

Ingestion

If swallowed do **not** induce vomiting. Rinse mouth with water. Give small quantities of water to drink. Observe patient and if vomiting continues seek medical attention.

Eye contact

Flush eyes with large amounts of water until irritation subsides. Hold eye lids apart. Seek medical attention if irritation persists.

Skin contact.

Remove contaminated clothing and wash affected skin with running water and soap. Seek medical attention if irritation persists.

Inhalation

Move the affected person from the exposure into fresh air. Seek medical attention if symptoms persist.

Advise to First Aiders

Be aware of the materials involved. Wear protective clothing and equipment if there is a risk of inhalation, skin and eye contamination.

Advice to Doctor

Treat according to symptoms.

5. FIRE FIGHTING MEASURES

Hazchem Code Not applicable

Suitable extinguishing Media

If material is involved in a fire use water fog (or fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific Hazards Non-combustible material

Fire fighting further advice

Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Small Spills

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent rags or paper towels. Allow absorbent to dry before disposing with normal household garbage.

Large Spills

Slippery when spilt. To avoid accidents clean up immediately. Wear protective equipment to prevent skin and eye contamination. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers for disposal.

Dangerous Goods Initial Response Guide Not applicable

7. HANDLING AND STORAGE

Safe Handling

Keep out of reach of children. Avoid contact with skin and eyes.

Safe Storage

Store in a cool dry area and out of direct sunlight. Keep container closed when not using product.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards

There is no exposure standard available for this product.

Engineering Controls

Maintain adequate ventilation at all times. Keep containers closed when not in use.

Biological Limit Values

No biological limit allocated

Personal Protection Equipment

Overalls, Safety Shoes, Safety Glasses

Although this product is considered non hazardous and non toxic it is prudent to avoid unnecessary contact with the skin and eyes. If possible wear protective clothing and wear eye protection.

Hygiene Measures

Always wash hands before eating, drinking, smoking or using the toilet

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	coloured liquid
Solubility	Miscible with water
Specific Gravity	1.05 to 1.15
Relative Vapour Density(air=1)	>1
Vapour Pressure (20°C)	Not Available
Flash Point (°C)	Not Applicable
Flammability Limits(%)	Not Applicable
Autoignition temperature	Not Applicable
Melting Point/Range(°C)	Not Available
Boiling Point range(°C)	>100
Ph	8-10
Viscosity	Not Available

10. STABILITY AND REACTIVITY

Reactivity	No reactivity hazards are known for this material
Chemical Stability	Stable under normal storage and handling conditions
Hazardous Reaction	No known reactions
Conditions to avoid	Elevated temperatures
Incompatible Materials	Oxidising Agents

Hazardous Decomposition Products
fumes.

Oxides of carbon and nitrogen, smoke and other toxic

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if handled according to this SDS. Symptoms that may arise if mishandled are

Ingestion

May cause irritation to mouth, throat, digestive tract and stomach and may cause nausea and vomiting.

Eye Contact

May cause irritation to the eyes.

Skin Contact

May cause irritation to the skin.

Inhalation

May cause irritation to mucous membranes and respiratory tract, dizziness, headache and nausea.

Acute Toxicity

This product has been classified as non hazardous

Chronic Toxicity

This product has been classified as non hazardous

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways, drains or sewers.

Ecotoxicity

No information available

Persistence and degradability

No information available

Mobility

No information available

13. DISPOSAL CONSIDERATIONS

If possible recycle material and container otherwise dispose in accordance with local, national and international regulations

14. TRANSPORT INFORMATION**Road and Rail**

UN Number - None assigned. Not classified as Dangerous Goods by the criteria for the Australian Code for the Transport of Dangerous Goods by Road and Rail

Marine transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulation for transport by air.

15. REGULATORY INFORMATION

This material is a non hazardous substance according to criteria of Worksafe Australia.

16. OTHER INFORMATION

This Safety Data sheet has been constructed using the Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals from Safe Work Australia February 2016, with cross references to regulatory legislation and the use of supplier safety data sheets.

The information herein is, to the best of our knowledge, correct and complete. It is meant to describe safety requirements of our products and should not be construed as guaranteeing specific properties. No warranty express or implied is made as to its accuracy, reliability or completeness.

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