

**1. IDENTIFICATION**

**Product Name**      **Proto-fill** White and Black

**Use**                      A water-based coating which fills print lines, disguises imperfections and colour corrects additive manufactured objects.

**Manufacturer**      *annule* Proprietary Limited                      ABN 44 609 175 939  
Factory 6  
4 Shaft Court  
HOPPERS CROSSING, Victoria  
AUSTRALIA  
Ph 1800 621 096

**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 viscous liquid
Solubility	Miscible with water
Specific Gravity	1.2 to 1.5
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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