

**SAFETY DATA SHEET**

Version 2.1

**SECTION 1: IDENTIFICATION****Product Identifier**

<b>Product Name</b>	AD-SHIELD
<b>Chemical Name</b>	Not Available
<b>Identifying Code</b>	93240

**Recommended use of the chemical and restrictions on use**

<b>Recommended Use</b>	Penetrating sealer for stone
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**Details of Manufacturer**

<b>Company Name</b>	Adcoat Graphic Solutions Pty Ltd
<b>Address</b>	Unit 3, 17 Stennett Street, Ingleburn, NSW 2565 Australia
<b>Telephone</b>	+61(0)2 9605 3000
<b>Website</b>	Not Available
<b>Email</b>	paul@adcoatgraphicsolutions.com.au

**Emergency Telephone number**

<b>Poisons Information</b>	13 11 26
<b>Other emergency numbers</b>	02 9605 3000

**SECTION 2: HAZARD IDENTIFICATION****Classification of the substance or mixture**

**NON-HAZARDOUS, NON-DANGEROUS GOODS.** According to the WHS Regulations and the ADG Code

**Label Elements**

<b>GHS label elements</b>	Not applicable
<b>SIGNAL WORD</b>	NOT APPLICABLE
<b>Other hazards</b>	P102 Keep out of reach of children, P103 Read label before use

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Substances</b>	mixture
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CAS No	% (weight)	Chemical
7732-18-5	<80	Water
secret	10-20	Fluorinated Acrylic Alkylamino Copolymer
111-76-2	<4	2-butoxy ethanol

**SECTION 4: FIRST AID MEASURES****Description of first aid measures**

<b>Eye Contact</b>	<p>If this product comes in contact with eyes:</p> <ul style="list-style-type: none"> <li>▶ Wash out immediately with water</li> <li>▶ If irritation continues, seek medical advice</li> <li>▶ Removing contact lenses after an eye injury should only be undertaken by skilled personnel</li> </ul>
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<b>Skin Contact</b>	<ul style="list-style-type: none"> <li>▶ Flush skin and hair with running water (and soap if available)</li> <li>▶ Seek medical attention in event of irritation</li> <li>▶ Wash contaminated clothing before re-use</li> </ul>
<b>Inhalation</b>	<ul style="list-style-type: none"> <li>▶ Move to fresh air</li> <li>▶ If breathing difficulties seek medical attention</li> </ul>
<b>Ingestion</b>	<ul style="list-style-type: none"> <li>▶ Rinse mouth with water</li> <li>▶ Do not induce vomiting, if in doubt contact Poisons Information Centre or doctor</li> </ul>

**Most important symptoms and effects, both acute and delayed:**

Information found under Description of first aid measures and Indication of immediate medical attention and special treatment needed.

**Indication of any immediate medical attention and special treatment needed:**

Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient

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## SECTION 5: FIRE FIGHTING MEASURES

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**Suitable extinguishing media**

Use extinguishing media appropriate to local circumstances and surrounding environment and in accordance of primary source of fire

- ▶ Water spray or fog, Foam, Dry Chemical Powder, BCF(where regulations permit), Carbon Dioxide

**Specific hazards**

May produce hazardous decomposition products such as carbon monoxide,carbon dioxide,(dense) black smoke

**Special protective equipment and precautions for Fire Fighters**

<b>Fire Fighting</b>	<ul style="list-style-type: none"> <li>▶ Wear breathing apparatus, protective suit and gloves</li> <li>▶ Prevent run off from fire fighting to enter drains or water courses</li> <li>▶ Isolate scene, removing all non essential personnel</li> <li>▶ Cool fire exposed containers with water spray</li> </ul>
<b>Fire/Explosion Hazard</b>	<ul style="list-style-type: none"> <li>▶ Not Flammable</li> <li>▶ Product will not support combustion</li> <li>▶ Combustion products include:carbon monoxide (CO), carbon dioxide (CO2)</li> <li>▶ Thermochemical decomposition products typical of burning organic material</li> </ul>

<b>Hazchem Code</b>	<b>NONE ALLOCATED</b>
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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Personal precautions, protective equipment and emergency procedures**

<b>Minor Spills</b>	<ul style="list-style-type: none"> <li>▶ Clean up all spills immediately</li> <li>▶ Do not walk through spills, material can create slippery conditions</li> <li>▶ Use personal protective equipment,safety glasses,gloves.See Section 8</li> <li>▶ Place spillage and cleaning media in a container for disposal</li> </ul>
<b>Major Spills</b>	<ul style="list-style-type: none"> <li>▶ Evacuate personnel to safe area. Ventilate. Move containers from spill area</li> <li>▶ Use personal protective equipment,safety glasses,gloves</li> <li>▶ Prevent spillage from entering drains, sewers or water course</li> <li>▶ Contain spill with absorbent material eg sand,sawdust,earth</li> <li>▶ Pick up and transfer to properly labelled containers.For disposal see Section 13</li> </ul>

**Environmental precautions**

<b>Environmental precautions</b>	<ul style="list-style-type: none"> <li>▶ Prevent spillage from entering drains, sewers or waterways</li> <li>▶ Avoid subsoil penetration</li> <li>▶ Advise relevent authorities if the product has caused environmental pollution</li> </ul>
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**Methods and materials for containment and cleaning up**

<b>Containment and cleaning</b>	<ul style="list-style-type: none"> <li>▶ Stop leaking container. Move containers from spill area</li> <li>▶ Contain and collect spill with absorbent material eg sand,sawdust,earth</li> <li>▶ Mop area with water</li> <li>▶ Place spillage and cleaning media in a container for disposal according to local regulations</li> </ul>
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## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

<b>Safe Handling</b>	<ul style="list-style-type: none"> <li>▶ Wear protective clothing when risk of exposure occurs.Avoid contact with eyes and skin</li> <li>▶ Use in a well-ventilated area, do not breathe vapour or mist</li> <li>▶ Wash thoroughly after handling</li> <li>▶ When handling do not eat,drink or smoke</li> <li>▶ Keep containers securely sealed when not in use</li> <li>▶ Do not store in unlabelled containers</li> <li>▶ Establish good housekeeping practices</li> <li>▶ Protect containers against physical damage and check for leaks regularly</li> </ul>
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### Conditions for safe storage

<b>Conditions for safe storage</b>	<ul style="list-style-type: none"> <li>▶ Store in a cool, dry, well-ventilated area.</li> <li>▶ Store away from incompatible materials and foodstuff containers</li> <li>▶ Keep from freezing.Store between 5°C to 40°C</li> </ul>
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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

Component	Regulation	Type of listing	Value / Notification
Not available	Not available	Not available	Not available

### Exposure controls

<b>Engineering Controls</b>	<ul style="list-style-type: none"> <li>▶ Use only in area provided</li> <li>▶ Good general ventilation, sufficient to control worker exposure to airborne contaminants</li> <li>▶ Process controls to ensure correct handling of containers</li> </ul>
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### Personal Protective equipment

<b>Eye Protection</b>	<ul style="list-style-type: none"> <li>▶ Wear Safety glasses with side shields</li> <li>▶ Chemical goggles</li> </ul>
<b>Hand Protection</b>	<ul style="list-style-type: none"> <li>▶ Wear gloves with chemical resistance. Neoprene,PVC,Butyl rubber</li> <li>▶ Gloves should be examined for wear and degradation constantly</li> </ul>
<b>Skin Protection</b>	<ul style="list-style-type: none"> <li>▶ Lightweight protective clothing when handling small quantities OTHERWISE</li> <li>▶ wear suitable protective clothing eg. Overalls, barrier cream</li> </ul>
<b>Respiratory Protection</b>	<ul style="list-style-type: none"> <li>▶ Respirator not necessary</li> <li>▶ Use face mask if spraying to protect from breathing mist particles</li> </ul>

### Hygiene measures

<b>Hygiene measures</b>	<ul style="list-style-type: none"> <li>▶ Wash hands before breaks and immediately after handling the product</li> <li>▶ Wash before eating, smoking, and using the toilet and at the end of the working day</li> <li>▶ Wash contaminated clothing before re-use</li> <li>▶ Ensure eyewash station and safety showers are close to work area</li> </ul>
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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	<b>unit of measure</b>	
<b>Physical state</b>		liquid
<b>Colour</b>		hazy amber
<b>Odour</b>		mild
<b>Odour Threshold</b>		Not Available
<b>pH</b>		Not Available
<b>Melting point/range</b>	(°C)	Not Available
<b>Freezing point</b>	(°C)	0
<b>Boiling point/range</b>	(°C)	100
<b>Flash point</b>	(°C)	Not Available
<b>Evaporation rate</b>	<b>Butyl acetate=1</b>	Not Available
<b>Flammability(solid,gas)</b>		Not Available
<b>Lower explosion limit</b>	(%)	Not Available
<b>Upper explosion limit</b>	(%)	Not Available
<b>Vapour Pressure</b>	<b>kPa</b>	Not Available
<b>Relative Vapour Density</b>	<b>air = 1</b>	Not Available
<b>Relative Density</b>	<b>water = 1</b>	Not Available
<b>Water solubility</b>		Soluble
<b>Partition coefficient</b>	<b>n-octanol/water</b>	Not Available
<b>Auto-ignition temperature</b>	(°C)	Not Available
<b>Decomposition temp</b>	(°C)	Not Available
<b>Viscosity</b>		Not Available

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	▶ No data available
<b>Chemical stability</b>	▶ Stable under recommended storage conditions
<b>Possibility of hazardous reactions</b>	▶ No data available
<b>Conditions to avoid</b>	▶ No data available
<b>Incompatible Materials</b>	▶ No data available
<b>Hazardous decomposition products</b>	▶ Combustion products include:carbon monoxide (CO), carbon dioxide (CO2)

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on toxicological effects

No adverse health effects are expected, if the product is handled in accordance with this Safety Data Sheet and the product label.

Symptoms and effects that may arise if the product is mishandled and over-exposure occurs are:

<b>Acute toxicity</b>	▶ No data available
<b>Skin corrosion/irritation</b>	▶ No data available
<b>Serious eye damage/irritation</b>	▶ May cause eye irritation
<b>Respiratory/skin sensitisation</b>	▶ No data available
<b>Germ cell mutagenicity</b>	▶ No data available
<b>Carcinogenicity</b>	▶ No data available
<b>Reproductive toxicity</b>	▶ No data available

reproductive toxicity	
Specific Target Organ Toxicity (STOT) - single exposure	▶ No data available
Specific Target Organ Toxicity (STOT) - repeated exposure	▶ No data available
Aspiration Hazard	▶ No data available

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	▶ No data available
Persistence/Degradability	▶ No data available
Bioaccumulative potential	▶ No data available
Mobility in soil	▶ No data available
Other adverse effects	▶ No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

Disposal method	▶ In accordance with local council, state environmental authority and national regulations ▶ Discharging waste into drains, sewers and waterways is forbidden
Contaminated packaging	▶ Recycle as first consideration, landfill or incineration when recycling not possible

## SECTION 14: TRANSPORT INFORMATION

	ADG Code Transport by road and rail	Marine Transport (IMO/IMDG)	Air Transport (ICAO/IATA)
UN Number	Not Regulated	Not Regulated	Not Regulated
Proper Shipping Name	Not Regulated	Not Regulated	Not Regulated
Dangerous Goods Class	Not Regulated	Not Regulated	Not Regulated
Packing Group	Not Regulated	Not Regulated	Not Regulated
Hazchem Code	Not Regulated	Not Regulated	Not Regulated
Environmental Hazards	No	No	No
Special Precautions	No	No	No

## SECTION 15: REGULATORY INFORMATION

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**Safety, Health and Environmental regulations/legislation specific for the substance or mixture**

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**Poisons Schedule** | Not Scheduled**National Inventory (AICS)** | All of the components of this product are on the inventory

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**SECTION 16: OTHER INFORMATION**

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**Issue date** 24/01/2017  
**Revision date** 11/11/2016  
**Version** 2.1  
**Reason for revision** GHS compliant

**Abbreviations and acronyms:**

**ADG** Australian Dangerous Goods Code  
**GHS** Globally Harmonised System  
**IATA** International Air Transport Association  
**IMDG** International Maritime Dangerous Goods  
**UN** United Nations  
**AICS** Australian Inventory of Chemical Substances  
**ICAO** International Civil Aviation Organization  
**IMO** Australian Inventory of Chemical Substances

Information provided in this Safety Data Sheet is correct to the best of our knowledge, data and belief at the date of publication.  
The information is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.