

## SAFETY DATA SHEET

Version 2.2

## SECTION 1: IDENTIFICATION

## Product Identifier

Product Name	AD-SHIELD
Chemical Name	Not Available
Identifying Code	93240

## Recommended use of the chemical and restrictions on use

Recommended Use	Penetrating sealer for stone
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## Details of Manufacturer

Company Name	Adcoat Graphic Solutions Pty Ltd
Address	Unit 2, 8 Kerr Street, Ingleburn, NSW 2565 Australia
Telephone	+61(0)2 9605 3000
Website	adcoatgraphicsolutions.com.au
Email	sales@adcoatgraphicsolutions.com.au

## Emergency Telephone number

Poisons Information	13 11 26
Other emergency numbers	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

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

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substances	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

Eye Contact	If this product comes in contact with eyes: ► Wash out immediately with water ► If irritation continues, seek medical advice ► Removing contact lenses after an eye injury should only be undertaken by skilled personnel
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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

## SECTION 5: FIRE FIGHTING MEASURES

**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 (CO<sub>2</sub>)</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

**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 relevant 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

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

## SECTION 10: STABILITY AND REACTIVITY

Reactivity	► No data available
Chemical stability	► Stable under recommended storage conditions
Possibility of hazardous reactions	► No data available
Conditions to avoid	► No data available
Incompatible Materials	► No data available
Hazardous decomposition products	► 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:

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

<b>Specific Target Organ Toxicity (STOT) - single exposure</b>	► No data available
<b>Specific Target Organ Toxicity (STOT) - repeated exposure</b>	► No data available
<b>Aspiration Hazard</b>	► No data available

## SECTION 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	► No data available
<b>Persistence/Degradability</b>	► No data available
<b>Bioaccumulative potential</b>	► No data available
<b>Mobility in soil</b>	► No data available
<b>Other adverse effects</b>	► No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

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

## SECTION 14: TRANSPORT INFORMATION

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

## SECTION 15: REGULATORY INFORMATION

Safety, Health and Environmental regulations/legislation specific for the substance or mixture	
<b>Poisons Schedule</b>	Not Scheduled
<b>National Inventory (AICS)</b>	All of the components of this product are on the inventory

## SECTION 16: OTHER INFORMATION

Abbreviations and acronyms:	
<b>Issue date</b>	24/01/2017
<b>Revision date</b>	11/11/2016
<b>Version</b>	2.1
<b>Reason for revision</b>	GHS compliant
<b>ADG</b>	Australian Dangerous Goods Code
<b>GHS</b>	Globally Harmonised System
<b>IATA</b>	International Air Transport Association
<b>IMDG</b>	International Maritime Dangerous Goods
<b>UN</b>	United Nations
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>ICAO</b>	International Civil Aviation Organization
<b>IMO</b>	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.