

# SAFETY DATA SHEET

*Diamond Surface Armour*

**PRODUCT: Stone SPOT & STAIN  
REMOVER**

*Date of Issue: December 2017*

**Page 1 of 9**

## SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>SUPPLIER:</b>	Diamond Surface Armour Pty Ltd		
<b>ADDRESS:</b>	5/25 Huntington Street, Clontarf QLD 4019, Australia.		
<b>Trade Name:</b>	<b>“STONE SPOT &amp; STAIN REMOVER”</b>		
<b>TELEPHONE:</b>	1300 447 666	<b>FAX:</b>	
<b>AH EMERGENCY TELEPHONE:</b>	13 1126 in Australia 0800 764 766 in New Zealand	<b>ABN:</b>	12 615 493 742
<b>Substance:</b>	Stone Cleaner	<b>Product Use:</b>	Surface Cleaner
<b>Creation Date:</b>	December 2017	<b>Revision Date:</b>	April 2022
<b>Product Code:</b>			

## SECTION 2 – HAZARDS IDENTIFICATION

- This product is classified **NOT classified as a scheduled HAZARDOUS** according to criteria of Safe Work Australia.
- The product is classified as **NOT classified as a scheduled DANGEROUS GOOD** according to the Australian Dangerous Goods (ADG) Code.
- The product is **NOT classified as a scheduled POISON** according to the SUSMP.
- The product is classified as a **NOT classified as a scheduled DANGEROUS SUBSTANCE** according to GHS.
- The Product is **non-hazardous per DOT's Hazardous Material Classification (49 CFR)**
- The product contains no substances which at their given concentration, are considered to be hazardous to health.

## GHS - GLOBALLY HARMONISED SYSTEM

<b>GHS Classification</b>	Not classified.
<b>GHS Pictogram</b>	Not applicable
<b>GHS Signal Word</b>	No Signal Word.
<b>GHS Hazard Statement(s)</b>	No know significant effects or critical hazards.
<b>GHS Precautionary Statement(s)</b>	
<b>General</b>	Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
<b>Prevention</b>	Not applicable
<b>Response</b>	Not applicable
<b>Storage</b>	Not applicable
<b>Disposal</b>	Not applicable

## ADG CODE DANGEROUS GOODS

<b>UN Number</b>	Not classified	<b>ADG Classification</b>	Not applicable
<b>Shipping Name</b>	Not applicable	<b>ADG Subsidiary Risk</b>	Not applicable
<b>Hazchem Code</b>	Not applicable	<b>Packing Group</b>	Not applicable

## POISON SCHEDULES

<b>SUSMP Classification</b>	Not scheduled
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## EMERGENCY OVERVIEW

<b>Colour</b>	Viscous white liquid	<b>Odour</b>	Faint pine fragrance
<b>Physical Description</b>	Thick liquid	<b>Viscosity</b>	Viscous liquid

# SAFETY DATA SHEET

**Diamond Surface Armour**

**PRODUCT: Stone SPOT & STAIN  
REMOVER**

**Date of Issue: December 2017**

**Page 2 of 9**

## SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 4th edition United Nations 2011.

<b>Ingredients:</b>	<b>CAS Number:</b>	<b>Proportion:</b>
Ingredients determined not to be hazardous	Secret	100% w/w

Occupational exposure limits, if available, are listed in Section 8. The TWA exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

## SECTION 4 – FIRST AID MEASURES

<b>Inhalation</b>	Remove person from contaminated area to fresh air. Avoid becoming a casualty. If irritation develops seek medical attention.
<b>Skin contact</b>	After contact with skin or hair, wash immediately with plenty of water. Immediately remove contaminated clothing and wash before reuse. If irritation develops seek medical attention.
<b>Eye contact</b>	If in eyes, hold eyelids apart and flush the eye continuously with running water. Check for and remove any contact lenses occasionally lifting the upper and lower eyelids for at least 10 minutes. If irritation develops seek medical attention.
<b>Ingestion</b>	If swallowed, DO NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Intentional ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Advice to Doctor</b>	Dermatitis may result from prolonged or repeated exposure. Consider gastric lavage with protected airway, administration of charcoal.

## SECTION 5 – FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Use foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not use a water jet. Do not discharge extinguishing waters into the aquatic environment.
<b>Unsuitable Extinguishing Media</b>	Carbon monoxide may be evolved if incomplete combustion occurs. Vapours may be heavier than air and spread along the ground so distant ignition may be possible.
<b>Fire Fighting</b>	Wear full protective clothing and self-contained breathing apparatus. See also Section 4 "First Aid Measures" and Section 10 "Stability and Reactivity".
<b>Flash Point</b>	Not available

# SAFETY DATA SHEET

*Diamond Surface Armour*

**PRODUCT: Stone SPOT & STAIN  
REMOVER**

*Date of Issue: December 2017*

**Page 3 of 9**

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### Emergency Procedures

#### Occupational Release

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Ventilate contaminated area thoroughly.

For small spills. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if a water-insoluble, absorb with an inert dry material and place in an appropriate water disposal container. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. Dispose of via a licensed waster disposal contractor.

For larger spills, Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, watercourses. Basements or confined areas. Scrape up with shovels and place in suitable containers for disposal. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in a container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information.

## SECTION 7 – HANDLING AND STORAGE

### Handling

Keep container closed. Handle with care. Compatibility with plastic materials may vary; we therefore recommend that compatibility be tested prior to use. Always wash hands with soap and water after handling.

### Storage

Store in accordance to local regulations. Store in the original containers protected from direct sunlight in a dry, cool and well-ventilated area. Store away from incompatible substances i.e. strong oxidizing agents, acids or bases. Keep containers closed at all times – check regularly for leaks.

# SAFETY DATA SHEET

*Diamond Surface Armour*

**PRODUCT: Stone SPOT & STAIN  
REMOVER**

*Date of Issue: December 2017*

**Page 4 of 9**

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Ingredients data

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australian Exposure Standards	determined not to be hazardous	N/A	N/A	N/A	Not available	Not available

**Exposure Limits**                      None allocated

<b>Engineering Controls</b>	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
<b>Personal Protective Equipment</b>	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;
<b>Eye Protection</b>	Not required under normal conditions of use. However, avoid eye contact. For industrial applications safety glasses with side shields or goggles as appropriate should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 -Eye Protectors for Industrial Applications.
<b>Skin Protection</b>	Not required under normal conditions of use. However for industrial applications wear gloves of impervious material such as PVC or rubber. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves -Selection, use and maintenance.
<b>Protective Material Types</b>	Not required under normal conditions of use. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
<b>Respirator</b>	Not required under normal conditions of use. However a respirator should be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Viscous liquid	<b>Colour</b>	Viscous white liquid
<b>Odour</b>	Faint pine fragrance	<b>Specific Gravity</b>	1.2 @ 25 °C
<b>Boiling Point</b>	Not available	<b>Freezing Point</b>	Data not available
<b>Vapour Pressure</b>	Not available	<b>Vapour Density</b>	Data not available
<b>Flash Point</b>	> 108 °C (PMCC).	<b>Flammable Limits</b>	Non combustible
<b>Water Solubility</b>	Exact figure not available, but product is dispersible in water.	<b>pH</b>	6.7
<b>Evaporation Rate</b>	Not available	<b>Per Cent Volatile</b>	Not applicable

# SAFETY DATA SHEET

**Diamond Surface Armour**

**PRODUCT: Stone SPOT & STAIN  
REMOVER**

**Date of Issue: December 2017**

**Page 5 of 9**

## SECTION 10 – STABILITY AND REACTIVITY

<b>Reactivity</b>	The product is stable.
<b>Conditions to Avoid</b>	Protect from freezing or product may separate.
<b>Incompatibilities</b>	Avoid strong oxidising products.
<b>Hazardous Decomposition</b>	Hazardous polymerization does not occur

## SECTION 11 – TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Inhalation</b>	
<b>short term exposure</b>	Not known.
<b>long term exposure</b>	Not known.
<b>Skin contact</b>	
<b>short term exposure</b>	May cause irritation in individuals with sensitive skin.
<b>long term exposure</b>	Not known.
<b>Eye contact</b>	
<b>short term exposure</b>	May cause moderate irritation in contact with the eyes.
<b>long term exposure</b>	Not known.
<b>Ingestion</b>	
<b>short term exposure</b>	May cause irritation to the mouth, esophagus and stomach. Symptoms may include nausea, vomiting, diarrhea and possible gastric irritation.
<b>long term exposure</b>	Not known.
<b>Additional Information</b>	No known significant effects or critical hazards.
<b>Carcinogen Status</b>	No known significant effects or critical hazards.
<b>NOHSC</b>	No significant ingredient is classified as carcinogenic by NOHSC.
<b>NTP</b>	No significant ingredient is classified as carcinogenic by NTP.
<b>IARC</b>	No significant ingredient is classified as carcinogenic by IARC.

## CLASSIFICATION OF INDIVIDUAL INGREDIENTS

Distillates (petroleum), hydro treated light

<b>Acute Toxicity</b>	No acute toxicity to aquatic organisms is expected. Long term adverse effects to aquatic organisms are not expected.	<b>Carcinogenicity</b>	Not listed as a carcinogen NTP, IARC, OSHA, EPA.
<b>Skin Irritation/Corrosion</b>	Skin - rabbit, Result – Irritating to skin (48h). May cause skin irritation.	<b>Reproductivity</b>	Not expected to impair fertility
<b>Serious Eye Damage/Irritation</b>	May cause slight irritation	<b>STOT – Single Exposure</b>	No data available
<b>Respiratory or Skin sensitivity</b>	Prolonged or repeated contact may dry skin and cause irritation.	<b>STOT – Repeated Exposure</b>	No known significant effects or critical hazards.
<b>Mutagenicity</b>	Not mutagenic	<b>Aspiration Hazard</b>	No known significant effects or critical hazards.

# SAFETY DATA SHEET

*Diamond Surface Armour*

*PRODUCT: Stone SPOT & STAIN  
REMOVER*

*Date of Issue: December 2017*

*Page 6 of 9*

# SAFETY DATA SHEET

*Diamond Surface Armour*

**PRODUCT: Stone SPOT & STAIN  
REMOVER**

*Date of Issue: December 2017*

**Page 7 of 9**

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Fish toxicity</b>	Expected to be harmful.
<b>Algae toxicity</b>	Expected to be harmful.
<b>Invertebrates toxicity</b>	Expected to be harmful.
<b>Toxicity to Bacteria</b>	Expected to be harmful.
<b>OECD Biological degradation</b>	Components are not hazardous according to the criteria of the NOHSC.
<b>General</b>	The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 13 – DISPOSAL CONSIDERATIONS

	Empty containers should be drained almost completely by inverting them. After draining, vent the empty container in a safe place to allow to biodegrade. The remaining material is not hazardous according to the criteria of the NOHSC.
	The generator of the waste has the responsibility for proper waste classification, transportation and disposal. Classify waste under applicable state and local regulations.

## SECTION 14 – TRANSPORT INFORMATION

**Land:** This product is not classified as dangerous according to the criteria of the Australian Dangerous Goods Code (ADG Code) or US Department of Transport (DOT)

**Sea:** This product is not classified as dangerous according to **IMDG** regulations.

**Air:** This product is not classified as dangerous according to **IATA** regulations.

**Additional information:** Protect from freezing or product may separate.

### ADG CODE – ROAD & RAIL

<b>UN Number</b>	Not regulated	<b>ADG Classification</b>	-
<b>Shipping Name</b>	-	<b>ADG Subsidiary Risk</b>	-
<b>Hazchem Code</b>	-	<b>Packing Group</b>	-

### IATA - AIR

<b>UN Number</b>	Not regulated	<b>ADG Classification</b>	-
<b>Shipping Name</b>	-	<b>ADG Subsidiary Risk</b>	-
<b>Hazchem Code</b>	-	<b>Packing Group</b>	-

### IMDG - SEA

<b>UN Number</b>	Not regulated	<b>ADG Classification</b>	-
<b>Shipping Name</b>	-	<b>ADG Subsidiary Risk</b>	-
<b>Hazchem Code</b>	-	<b>Packing Group</b>	-

# SAFETY DATA SHEET

**Diamond Surface Armour**

**PRODUCT: Stone SPOT & STAIN  
REMOVER**

**Date of Issue: December 2017**

**Page 8 of 9**

<b>Environmental hazards</b>			
<b>EMS</b>	-	<b>Special Provisions</b>	Protect from freezing or product may separate.

<b>DOT- ROAD, RAIL &amp; AIR</b>			
<b>UN Number</b>	Not regulated	<b>ADG Classification</b>	-
<b>Shipping Name</b>	-	<b>ADG Subsidiary Risk</b>	-
<b>Hazchem Code</b>	-	<b>Packing Group</b>	-

## **SECTION 15 – REGULATORY INFORMATION**

<b>AICS</b>	All components are listed or exempted.
<b>GHS Classification</b>	Not classified
<b>SUSMP</b>	This product is not listed on any schedule of the SUSDP.
<b>ADG Code</b>	Not regulated
<b>DOT</b>	Not regulated

## **SECTION 16 – OTHER INFORMATION**

<b>Acronyms</b>	
<b>GHS</b>	Global System of Harmonisation.
<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>CAS Number</b>	Chemical Abstracts Service Registry Number.
<b>DOT</b>	US Department of Transport.
<b>UN Number</b>	United Nations Number.
<b>HAZCHEM</b>	An emergency action code of numbers and letters which gives information to emergency services.
<b>NOHSC</b>	National Occupational Health and Safety Commission.
<b>NTP</b>	National Toxicology Program (USA).
<b>IARC</b>	International Agency for Research on Cancer.
<b>AICS</b>	Australian Inventory of Chemical Substances.
<b>TWA</b>	Time Weighted Average
<b>STEL</b>	Short Term Exposure Limit
<b>Literature References</b>	List of Designated Hazardous Substances [NOHSC:10005(1999)] Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7 <sup>th</sup> Edition. Standard for the Uniform Scheduling of Medicines and Poisons 2015. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)] Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)] Material Safety Data Sheets – individual raw materials – Suppliers. HSIS – Hazardous Substance Information System – National Worksafe Data Base. Labeling of workplace hazardous chemicals, Code of Practice, DEC 2011 Guidance on the classification of hazardous chemicals under the WHS Regulations, Implementation of the Globally Harmonised System of classification and labeling of chemicals (GHS) APRIL 2012 Globally Harmonized System of Classification and Labeling of Chemicals (GHS), Third revised edition.
<b>Revision Information</b>	New Issue to standard: PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS Code of Practice DECEMBER 2011
<b>Note</b>	Safety Data Sheets are updated frequently. Please ensure that you have a current copy.
<b>Contact Point</b>	Regulatory Affairs Manager. <b>Telephone</b> 1300 447 666
<b>Issue Date</b>	November 2017 <b>Supersedes Issue Date</b> 4 <sup>th</sup> issue



# SAFETY DATA SHEET

***Diamond Surface Armour***

***PRODUCT: Stone SPOT & STAIN  
REMOVER***

***Date of Issue: December 2017***

***Page 9 of 9***

This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.