



## RUSTED SOLUTIONS - EASY SHIELD -SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY INFORMATION

<b>PRODUCT NAME:</b>	Rusted Solutions Easy Shield
<b>PRESCRIBED USE:</b>	Protective coating for Non Ferrous Metals
<b>COMPANY/SUPPLIER:</b>	Rusted Solutions (Qld) Pty Ltd
<b>ADDRESS:</b>	24/193 South Pine Road, Brendale, Qld, 4500
<b>PHONE:</b>	(07) 3889 9987
<b>EMAIL:</b>	admin@rustedolutions.com.au
<b>WEBSITE:</b>	<a href="http://www.rustsolutions.com.au">www.rustsolutions.com.au</a>
<b>EMERGENCY CONTACT:</b>	Rod Wilson
<b>MOBILE NUMBER:</b>	0413 676 336

### 2. HAZARDS IDENTIFICATION

The product is not classified as Dangerous Goods therefore Hazard warnings are not required for transport.

<b>2.1 Road Transport</b>	No Restriction
<b>2.2 Sea Transport</b>	No Restriction
<b>2.3 Air Transport</b>	No Restriction

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS	%	Hazard Symbol	Risk Phases
Aliphatics	64742-88-7	1 - 2%	Xn	65,66
Polydimemethylsiloxane	102782-97-8	3 - 5%	Xi	36,38
Chrystalline Silica	7631-89-9	20 - 40%		
Colloidal SiO2	7631-86-9	3 - 6%		
Deionized Water	7732-18-5	50 - 60%		

### 4. FIRST AID MEASURES

<b>Ingestion:</b>	Do not induce vomiting unless directed to do so by medical personnel. If large quantities of this material are swallowed seek medical attention immediately. Never give anything by mouth to an unconscious person.
<b>Skin Contact:</b>	Immediately wash skin with soap and plenty of water.
<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation occurs.
<b>Inhalation:</b>	Do not create dust. Wear dust mask if required.

### 5. FIRE FIGHTING MEASURES

<b>Flammability of Product</b>	Non Flammable
<b>Auto ignition temperature</b>	Not Applicable
<b>Flash points Flammable Limits</b>	Not Applicable
<b>Products of Combustion</b>	None
<b>Unusual fire/explosion hazards</b>	Not Applicable

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## 5. FIRE FIGHTING MEASURES (Continued)

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<b>Fire Fighting media</b>	Use extinguishing media appropriate for surrounding fire.
<b>Fire Fighting Instructions</b>	Not Applicable

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Large Spill and Leak</b>	Small quantities can be mopped up or wiped with a rag. Large quantities should be directed to collecting basin or drain with dikes or swabs. Absorb in inert absorbent (i.e.. Sand, soil, vermiculite) may also be used. See Disposal Considerations (13)
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## 7. HANDLING AND STORAGE

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<b>Handling:</b>	Keep containers tightly closed. Store out of direct sunlight.
<b>Storage:</b>	Keep away from Food areas. Store in a cool dry place (Protect from Freezing). Suitable for any chemical storage area.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>Engineering Controls:</b>	Not Required
<b><u>Personal protective equipment</u></b>	
<b>Respiratory protection:</b>	Do not create dust. Wear personal respirator if required. Selection of appropriate breathing protection will depend on actual airborne concentrations and exposure levels.
<b>Hand protection:</b>	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
<b>Eye protection:</b>	Use equipment for eye protection tested and approved under appropriate government standards such as the Australian Safety and Compensation Council.
<b>Skin and body protection:</b>	Avoid repeated exposure with skin. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
<b>Hygiene measures:</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the toilet and at the end of the working period.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	Beige Liquid
<b>Odour:</b>	Very slight odour
<b>Specific Gravity:</b>	1-2 g/cm <sup>3</sup> (Water = 1)
<b>Boiling / Condensation:</b>	Not Applicable
<b>Melting / Freezing:</b>	0 C (32 F) based on data for water
<b>Flash Point:</b>	Not Applicable
<b>pH @ 25°C:</b>	2.5 - 3
<b>Solubility:</b>	Soluble in water
<b>Vapour pressure:</b>	Not Available
<b>Vapour density:</b>	Not Available

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## 10. STABILITY AND REACTIVITY

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<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	Extreme Temperatures. Do not allow Product to Freeze.
<b>Materials to avoid/Incompatibilities:</b>	Not Applicable

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## 11. TOXICOLOGICAL INFORMATION

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<b>Acute toxicity</b>	No data available
<b>Skin:</b>	Irritating
<b>Eyes</b>	Irritating
<b>Sensitisation:</b>	The material is not sensitising
<b>Additional Information:</b>	Non Applicable

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## 12. ECOLOGICAL INFORMATION

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<b>Eco-toxicity:</b>	Class 1 Slightly Harmful to Aquatic Organisms.
<b>Persistence/Degradability:</b>	This product is readily biodegradable.

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## 13. DISPOSAL CONSIDERATIONS

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<b>Method of disposal:</b>	Waste must be disposed in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.
<b>Contaminated packaging:</b>	Dispose of as unused product

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## 14. REGULATORY INFORMATION

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Standard for the Uniform Scheduling of Medicines and Poisons: No data available

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## 15. RISK & SAFETY PHASES (R-phases & S-phases)

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R36	Irritating to eyes.
R38	Irritating to skin
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
S2	Keep out of reach of children
S29	Do not empty into drains

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## 16. OTHER INFORMATION

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<b>MSDS Issue Date:</b>	10/01/2014	<b>Supersedes:</b>	Initial issue
<b>Version:</b>	1	<b>Reason for alteration:</b>	First issue
<b>Label Hazard Warning:</b>	Keep out of reach of children. Can cause irritation to eyes and skin. May cause lung damage if swallowed.		
<b>Label Precautions:</b>	Use adequate personal protection Please read the Material Data Safety Sheet for additional information.		
<b>Label First Aid:</b>	Eye contact - flush with water for at least 15 minutes. Skin Contact - Wash with soap and water.		

The information contained herein is based on the present state of our knowledge. This document characterises the product with regard to the appropriate safety precautions, and is only proposed as a guide when applied for its intended use. Each intended user should consult this MSDS, and perform their own appropriate risk assessment in context to how the product will be handled and used in the workplace. Rusted Solutions (Qld) Pty Ltd will not be responsible for any loss or damages resulting from use of or reliance on the information and advice contained herein.