



# Material Safety Data Sheet

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Infosafe No. LPT1P Issue Date : July 2004 ISSUED by PARCHEMC

Product Name : EMER-COAT SPECIAL PRIMER

Classified as hazardous according to criteria of NOHSC

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Product Name** EMER-COAT SPECIAL PRIMER  
**Product Use** Primer for Emer-Coat Special System for steel, galvanised steel and zincaluminum.  
**Company Name** Parchem Construction Products Pty Ltd (ABN 80 069 961 968)  
**Address** 7 Lucca Road Wyong  
NSW 2259 Australia  
**Emergency Tel.** 1800 638 556  
**Telephone Number/Fax** Tel: 02 4350 5000 Fax: 02 4351 2024  
**Other Information**

This MSDS summaries at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Parchem Construction Products Pty Ltd 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 company. Our responsibility for product as sold is subject to our standard term and conditions, a copy of which is sent to our customers and is also available upon request.

www.parchem.com.au

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	White Spirit	8042-47-5	30-40 %
	Ingredients determined to be non-hazardous		Balance

## 3. HAZARDS IDENTIFICATION

Classified as a Hazardous Substance according to the criteria of NOHSC.  
Classified as dangerous goods according to the ADG Code.

### RISK PHRASES:

Flammable  
Harmful. May cause lung damage if swallowed.  
Repeated exposure may cause skin dryness or cracking.  
Vapours may cause drowsiness and dizziness.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### SAFETY PHRASES:

Keep out of reach of children  
Keep away from sources of ignition - no smoking.  
Avoid contact with skin and eyes.  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Wear suitable protective clothing, gloves and eye/face protection.  
Avoid release to the environment.

## 4. FIRST AID MEASURES

**Inhalation** Remove to fresh air - avoid becoming a casualty. Allow patient to assume most comfortable position. Keep warm and at rest. If symptoms persist, seek medical advice.

**Ingestion** Rinse mouth with water. Do NOT induce vomiting. Seek medical assistance.

**Skin** Remove heavily contaminated clothing. Wash affected area thoroughly with soap and water. Seek medical advice if symptoms persist.

**Eye** Immediately irrigate with copious quantities of water for at least 15 minutes. Hold eyelids open. In all cases of eye contamination it is sensible to seek medical advice.

**First Aid Facilities** Eye wash fountains and safety showers should be available for emergency use.



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**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media** Water fog, foam, dry agent (carbon dioxide, dry chemical powder).

**Specific Methods** On burning will emit toxic fumes. Heating can cause expansion or decomposition leading to violent rupture of containers. Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

**Specific Hazards** Flammable liquid. Vapours may form an explosive mixture in air. Vapours are heavier than air and can travel to a source of ignition and flashback. During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.

**Hazardous Combustion Products** On burning will emit toxic fumes including oxides of carbon.

## 6. ACCIDENTAL RELEASE MEASURES

**Other Information** Shut off all sources of ignition. Ensure proper ventilation. May be slippery when spilt. Avoid accidents - clean up immediately. Wear appropriate protective equipment to prevent skin and eye contamination and breathing in vapour. Contain - prevent product from entering waterways. Soak up with suitable inert absorbent. Collect in labelled containers for disposal. Advise local authority if contamination of waterways occurs.

## 7. HANDLING AND STORAGE

**Handling** Avoid skin and eye contact and breathing in vapour. Use away from all sources of heat and ignition. Avoid accumulation of static electricity. Electrically link and ground metal containers for transfers of product. Close containers after use.

**Storage Regulations** Store in accordance with:  
AS1940 - The storage and handling of flammable and combustible liquids

**Storage** Store in a cool, dry, well-ventilated area out of direct sunlight. Store away from all sources of heat and ignition. Store away from strong oxidising agents. Keep containers tightly closed.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**Exposure Limits** No exposure standards have been established for this material by the Australian National Occupational Health and Safety Commission (NOHSC). However exposure standards for components are given below:

White spirits TWA 790mg/m<sup>3</sup>.

TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Respiratory Protection** If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against solvent vapours and fume. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

**Personal Protective Equipment** Avoid skin and eye contact and inhalation of vapour. Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Safety goggles should be selected and fitted in accordance with Australian Standard (AS)1336 and Australian/New Zealand Standard AS/NZS 1337. Industrial clothing should conform to the specifications detailed in AS 2919. Impermeable gloves should conform to AS 2161. All occupational footwear should conform to AS/NZS 2210.



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<b>Eng. Controls</b>	Use in a well ventilated area. Exhaust ventilation may be necessary to maintain component airborne concentrations below exposure standards. Keep containers tightly closed when not in use.
<b>Hygiene Measures</b>	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Yellow liquid, solvent odour.
<b>Melting Point</b>	Not applicable
<b>Boiling Point</b>	~164°C
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity (H2O=1)</b>	1.26
<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	~1 kPa
<b>Volatile Component</b>	>70%
<b>Flash Point</b>	36°C
<b>Flammability</b>	Flammable liquid. This product should be stored and used in a well-ventilated area away from naked flames and other sources of ignition. Avoid accumulation of static electricity - electrically link and ground metal containers for transfers of the product.
<b>Flammable Limits LEL</b>	0.9%
<b>Flammable Limits UEL</b>	7.0%

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Materials to Avoid</b>	Strong oxidising agents

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	No information available for the product.
<b>Inhalation</b>	Vapour may be irritating to mucous membranes and upper respiratory tract. Inhalation may cause drowsiness and dizziness.
<b>Ingestion</b>	Harmful, may cause lung damage if swallowed. Swallowing may cause irritation to the gastrointestinal tract, nausea and vomiting. Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
<b>Skin</b>	Skin contact may cause redness, itchiness, irritation, dryness and cracking. Repeated or prolonged contact may cause irritant dermatitis.
<b>Eye</b>	May be irritating to eyes.
<b>Chronic Effects</b>	Prolonged or repeated skin contact may cause defatting leading to dermatitis. Chronic inhalation may affect the central nervous system.

## 12. ECOLOGICAL INFORMATION

<b>Information on Ecological Effects</b>	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Environ. Protection</b>	Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

<b>Product Disposal</b>	Dispose of in accordance with Local, State and Federal Waste Management Authority. Advise flammable nature.
<b>Container Disposal</b>	Empty containers may contain residues. Do not cut, puncture or weld on or near empty containers.

## 14. TRANSPORT INFORMATION



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This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail.

Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gases
- Class 4.2 Spontaneously Combustible Substances
- Class 5.1 Oxidising Agents and Class 5.2, Organic Peroxides
- Class 6 Toxic Substances (where the flammable liquid is nitromethane)
- Class 7 Radioactive Substances.

<b>ADG U.N. Number</b>	1263
<b>ADG Proper Shipping Name</b>	PAINT RELATED MATERIAL
<b>ADG DG Class</b>	3
<b>ADG Hazchem Code</b>	3[Y]
<b>ADG Packaging Method</b>	5.9.3RT1
<b>ADG Packing Group</b>	III
<b>ADG EPG Number</b>	3A1
<b>ADG IERG Number</b>	14

## 15. REGULATORY INFORMATION

<b>Risk Phrase</b>	R10 Flammable. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness and cracking. R67 Vapours may cause drowsiness and dizziness
<b>Safety Phrase</b>	S16 Keep away from sources of ignition - No smoking. S2 Keep out of reach of children. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S61 Avoid release to the environment. Refer to special instructions/safety data sheet.
<b>Poisons Schedule</b>	S5
<b>Hazard Category</b>	Harmful, Dangerous for the environment

## 16. OTHER INFORMATION

<b>Contact Person/Point</b>	Technical Support: 1800 812 864
<b>SDS History</b>	msds created July 2004 ...End Of MSDS...