

**SAFETY DATA SHEET****1. Identification of Material and Supplier**

Product Name **TEMPILSTIK 518 °F (270 °C)**

Part Number **TSC0270**

Other Names None allocated

Recommended Use Temperature indicating product

Supplier's Name **Independent Wholesale Welding Supply**

Address **Unit 2/170 Power Street, Glendenning, NSW. 2761**

All mail to: **PO Box 284 Doonside NSW 2767**

Telephone **61 2 8834 2400** **Facsimile** **61 2 8834 2498**

Technical Support **61 2 8834 2400** **E-mail Address** **iwws@iwws.net**

Web www.iwws.net

2. Hazards Identification**Hazardous Classification**

This product is hazardous according to the criteria of the ASCC, is not a DG Substance according to the ADG Code, is not a Scheduled Poison according to the SUSMP, is not a flammable or combustible liquid according to AS 1940.

Hazard Statements

Hazardous to the aquatic environment (chronic) – category 2

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :GHS09



Signal word (CLP) : Environment

Hazardous ingredients : 1,1,1 Tris Ethane

Hazard statements (CLP) : H411 (Toxic to aquatic life with long-lasting effects)

Precautionary statements (CLP): P273 - Avoid release to the environment
P501 - Dispose of contents/container to an authorised waste collection point

Unknown acute toxicity (CLP:

Classification, Labelling, Packaging.) - SDS

: 86.22% of the mixture consists of ingredient(s) of unknown acute oral toxicity

86.22% of the mixture consists of ingredient(s) of unknown acute dermal toxicity

86.22% percent of the mixture consists of ingredient(s) of unknown acute inhalation (dust/mist) toxicity

3. Composition Information on Ingredients

This product is considered to be hazardous and does contain hazardous components.

Chemical name	CAS Number	Proportion
1,1,1 Tris Ethane	27955-94-8	10.53 – 10.64

4. First Aid Measures

4.1 Symptoms of Over-Exposure by Route

Not expected to present a significant hazard under anticipated conditions of industrial use.

4.2 First Aid Instructions

Ingested If this product is swallowed, rinse mouth DO NOT INDUCE VOMITING. If unwell call Poison Centre or Physician and take a copy of label and SDS with contaminated individual. DO NOT INDUCE VOMITING.

Eyes If this product enters the eyes, open victim's eyes while under gently running water. Remove contact lenses, if present and easy to do so. Use sufficient force to open eyelids. Have victim "roll" eyes. Minimum flushing is for 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin If this product contaminates the skin, begin flushing with soap and water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Contaminated individual must seek medical attention if redness or irritation continues after area has been rinsed. Wash contaminated clothing before reuse

Inhaled Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First Aid Provide normal industrial first aid facilities including eyewash stations and deluge showers, **Facilities** where appropriate, close to the area where product is in use.

Notes to Physician (for symptoms of over-exposure to this product see above)

Treat symptomatically

Possible symptoms of Chronic Health Effects

None reported for product.

Possible aggravated pre-existing conditions

None reported for product.

Suggested treatment for acute symptoms, known antidotes

Provide supportive care and treatment based on the patient's reactions to the exposure. Contaminated individual must be taken for medical attention if adverse effects occur. Take copy of label and SDS to physician or other health professional with contaminated individual.

For further information contact the:

POISONS INFORMATION CENTRE 13 11 26

5. Fire Fighting Measures

5.1 Flammability and Explosion Hazards No specific fire or explosion hazard.

5.2 Suitable Extinguishing Media

Water Spray: YES

Carbon Dioxide: YES

Foam: YES

Dry Chemical: YES

Halon: YES

Hazchem Code: n.all.

5.3 UNUSUAL FIRE AND EXPLOSION HAZARDS: Burning produces irritating, toxic and noxious fumes.

5.4 Precautions for Fire Fighters and Special Equipment

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.

Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

6. Accidental Release Measures

Emergency Procedures – Spills and Leaks (See Section 13 for disposal considerations)

In case of a spill, clear the affected area, protect people, and respond with trained personnel. Avoid creating and spreading dust. Ventilate the area.

Avoid release to the environment. Do not discharge into drains or the environment.

Avoid generating dust. Contain and collect as any solid.

Place all spill residues in a suitable container and seal. Dispose of in accordance with Federal, State and local hazardous waste disposal regulations (see Section 13, Disposal Considerations).

7. Handling and Storage

7.1 Handling Advice

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2 Storage Advice

Keep container tightly closed.

Store packages in a cool, dry, well ventilated location.

Store away from incompatible materials - Strong oxidizers. Strong bases.

Inspect all incoming packages before storage, to ensure they are properly labelled and not damaged.

8. Exposure Controls/ Personal Protection

8.1 Ventilation and Engineering Controls

Prudent practice is to ensure eyewash/safety shower stations are available near where this product is used.

8.2 Personal Protective Equipment

Respiratory Not usually required. Use supplied air respiratory protection if oxygen levels are below 19.5% or during emergency response to a release of this product. If respiratory protection is required, follow the requirements of the AS/NZS 1716:2012.

Gloves In case of repeated or prolonged contact wear dust impervious gloves for routine industrial use as per AS/NZS 2161 Set: 2008

Eye Protection In case of dust production wear protective goggles as per AS/NZS 1337.

Clothing Avoid unnecessary exposure. Wear normal welding protective clothing and equipment.

Industrial hygiene When using, do not eat, drink or smoke.

9. Physical and Chemical Properties

Physical state :	Solid.	Solubility in water :	No data
Colour :	not specified	Flash point [°C] :	Not applicable.
Odour :	Odourless.	Explosion limits - lower [%] :	Not applicable.
pH value :	Not applicable	Explosion limits - upper [%] :	Not applicable.
Density [kg/m3] :	Not applicable		

Other Properties

None relevant to product.

10. Stability and Reactivity

Stability: Stable.

Decomposition Products: Carbon dioxide, carbon monoxide,

Materials with which substance is incompatible: This product is not compatible with strong oxidizers and strong alkalis.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Avoid uncontrolled exposure to extreme temperatures and incompatible chemicals.

11. Toxicological Information

Acute Toxicity

1,1,1 Tris Ethane (27955-94-8)

LD50 oral rat > 5000 mg/kg bodyweight

LD50 dermal rat > 2000 mg/kg bodyweight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

12. Ecological Considerations

12.1 Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

adipic acid (124-04-9)

LC50 fish 1 >= 1000 mg/l 96 h

EC50 Daphnia 1 46 mg/l 48 h

12.2. Persistence and degradability

May cause long-term adverse effects in the environment. Not readily biodegradable

12.3. Bio accumulative potential

Log Kow 3.88

13. Disposal Considerations

- : Do not dispose of waste into sewer.
- : Dispose in a safe manner in accordance with local/national regulations.
- : Avoid release to the environment.

14. Transport Information

No DG regulatory requirements apply to the transport of this product

15. Regulatory Information

Labeling requirements under the *ADG Code*, the *SUSMP* or the "*National Code of Practice for the Labeling of Workplace Substance*" [ASCC: 2012 (1994)] do not apply to this product as sold.

16. Other Information

Disclaimer

No representative of IWWS any other person has the authority to alter or amend this SDS or the information contained therein without the prior approval of IWWS management. Any alterations render this document invalid. The information presented in this SDS is believed by Independent Wholesale Welding Supply to be accurate at the date shown and in accordance with information available to the Company. Information relating to non-hazardous component can be obtained from the manufacturer : LACO INDUSTRIES, INC. 1201 PRATT BOULEVARD ELK GROVE VILLAGE, IL 60007

.The circumstances and methods of using, handling, transporting or storing the material are beyond our control and persons using, handling, transporting or storing the product do so at their own risk. Independent Wholesale Welding Supply accept no liability for damage or injury arising from the use of the information contained herein.

**Original Date
of Issue: 22/04/2015**

New SDS (Version 1.) to comply with National Code of Practice for the
PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS.

Data Sources used in the preparation of this SDS may include: *Information supplied by manufacturer:* LACO INDUSTRIES, INC. 1201 PRATT BOULEVARD ELK GROVE VILLAGE, IL 60007 and SDS prepared by The Redstone Group, LLC 6077 Frantz Rd.Suite 206 Dublin, OH USA 43016 T 614-923-7472 www.redstonegrp.com, Safe Work Australia Hazardous Substances Information System <http://hsis.safeworkaustralia.gov.au/>

Abbreviations used: n.d = not determined, n.a = not applicable, n.all =not allocated, SUSMP=Standard for the Uniform Scheduling of Medicines and Poisons, ADG=Australian Dangerous Goods Code, IATA =International Air Transport Association, (Dangerous Goods Regulations), IMDG=International Maritime Dangerous Goods (Code), ASCC=Australian Safety and Compensation Council. IARC=International Agency (for) Research (of) Cancer. ATE: Acute Toxicity Estimate, EC50: Environmental Concentration associated with a response by 50% of the test population, LD50: Lethal Dose for 50% of the test population

End of Safety Data Sheet.