

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

Product Name	TEMPILSTIK 266F (130C)		
Part Number	TSC0130		
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

Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOTSE3 H335

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

Hazard pictograms (CLP)	:GHS07	
Signal word (CLP)	:Warning	
Hazardous ingredients	: salicylanilide; hymecromone; potassium molybdate; butyl 4-hydroxybenzoate; dilithium molybdate; benzil	
Hazard statements (CLP)	: H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation	
Precautionary statements (CLP):	P261 - Avoid breathing dust, fume P264 - Wash hands thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear eye protection, protective gloves P302+P352 - IF ON SKIN: Wash with plenty of water P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a poison center or doctor if you feel unwell P321 - Specific treatment (see First aid measures on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse P403+P233 - Store in a well-ventilated place. Keep container tightly closed P405 - Store locked up P501 - Dispose of contents/container to an authorised waste collection point	

2. Hazards Identification Cont'

Unknown acute toxicity (CLP:

Classification, Labelling, Packaging.) - SDS

: 0.01% of the mixture consists of ingredient(s) of unknown acute oral toxicity

0.01% of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0.01% 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
Hymecromone	90-33-5	0 – 95
Salicylanilide	87-17-2	0 – 90
Dilithium Molybdate	13568-40-6	0 – 90
butyl 4-hydroxybenzoate	94-26-8	0 – 90
benzyl	134-81-6	0 – 90
Potassium Molybdate	13446-49-6	0 – 25
stearic acid, monoester with glycerol	31566-31-1	0 – 10
Iron oxide red	1309-37-1	0 – 2
Polyethylene Glycol	25322-68-3	0 – 2
lithium carbonate	554-13-2	0 – 2
manganese dioxide	1313-13-9	< 0.1
Aluminum oxide	1344-28-1	< 0.1
Silicon dioxide (cristobalite)	14808-60-7	< 0.1
Cobalt	7440-48-4	< 0.1

4. First Aid Measures

4.1 Symptoms of Over-Exposure by Route

- Ingested** Though not a likely route of occupational exposure, ingestion of this product, especially in large quantities, may cause nausea, vomiting and gastric distress.
- Eyes** Contact with this product causes serious eye irritation.
- Skin** Contact with this product causes skin irritation.
- Inhaled** Inhalation of this product may cause respiratory irritation

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

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

Causes irritation to skin and serious irritation to eyes. Inhalation of dried-out particulates may also cause respiratory irritation.

Possible symptoms of Chronic Health Effects

None reported for product.

Possible aggravated pre-existing conditions

Pre-existing skin disorders may be aggravated by exposure to this 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. Thermal decomposition generates : Carbon dioxide. Carbon monoxide. Mixture of hydrocarbons.

5.4 Precautions for Fire Fighters and Special Equipment

Incipient fire responders should wear eye protection. Structural fire fighters must wear Self-Contained Breathing Apparatus and full protective equipment. If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

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.

Minimum Personal Protective Equipment should be dust impervious gloves per AS/NZS 2161 Set: 2008 and chemical goggles or safety glasses per AS/NZS 1337 part 1- 6, as well as appropriate body protection.

Pick-up material carefully and rinse area with soap and water. 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

Avoid breathing dust, fumes. Use only outdoors or in a well-ventilated area.

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

7.2 Storage Advice

Store packages in a cool, dry, well ventilated location. Store away from incompatible materials – strong oxidisers and strong bases. Inspect all incoming packages before storage, to ensure they are properly labelled and not damaged.

7.3 Protective Practices During Maintenance of Contaminated Equipment: Follow practices indicated in Section 6 (Accidental Release Measures). Make certain application equipment is locked and tagged-out safely. Decontaminate equipment using soapy water before maintenance begins. Collect all rinsates and dispose of according to applicable Federal, State, or local procedures

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	Wear neoprene gloves for routine industrial use as per AS/NZS 2161 Set: 2008
Eye Protection	Safety glasses as per AS/NZS 1337.
Clothing	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

salicylanilide (87-17-2)	
LD50 oral rat	2400 mg/kg
ATE CLP (oral)	2400.000 mg/kg bodyweight
Iron oxide red (1309-37-1)	
LD50 oral rat	> 10000 mg/kg
hymecromone (90-33-5)	
LD50 oral rat	3850 mg/kg
ATE CLP (oral)	3850.000 mg/kg bodyweight
Polyethylene Glycol (25322-68-3)	
LD50 oral rat	47000 mg/kg
LD50 dermal rat	> 20000 mg/kg
ATE CLP (oral)	47000.000 mg/kg bodyweight
lithium carbonate (554-13-2)	
LD50 oral rat	525 mg/kg
LD50 dermal rabbit	> 3000 mg/kg
LC50 inhalation rat (mg/l)	> 2 mg/l/4h
ATE CLP (oral)	525.000 mg/kg bodyweight
Aluminum oxide (1344-28-1)	
LD50 oral rat	> 15900 mg/kg
LC50 inhalation rat (mg/l)	7.6 mg/l/4h
ATE CLP (vapours)	7.600 mg/l/4h
ATE CLP (dust,mist)	7.600 mg/l/4h
manganese dioxide (1313-13-9)	
ATE CLP (oral)	500.000 mg/kg bodyweight
ATE CLP (dust,mist)	1.500 mg/l/4h
butyl 4-hydroxybenzoate (94-26-8)	
LD50 oral rat	13200 mg/kg
ATE CLP (oral)	13200.000 mg/kg bodyweight
Cobalt (7440-48-4)	
LD50 oral rat	7150 mg/kg OECD Guideline 401
LD50 dermal rat	> 2000 mg/kg OECD Guideline 402 as tricobalt tetraoxide
ATE CLP (oral)	7150.000 mg/kg bodyweight
benzil (134-81-6)	
LD50 oral rat	> 3000 mg/kg

11. Toxicological Information Cont'

Acute Toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

12. Ecological Considerations

12.1 Toxicity

Iron oxide red (1309-37-1)	
EC50 Daphnia 1	> 100 mg/l
Polyethylene Glycol (25322-68-3)	
LC50 fish 1	> 100 mg/l
LC50 other aquatic organisms 1	1000 mg/l
lithium carbonate (554-13-2)	
LC50 fish 1	30.3 mg/l 96 h
EC50 Daphnia 1	33.2 mg/l 48 h
Aluminum oxide (1344-28-1)	
EC50 Daphnia 1	> 1470 mg/l
NOEC (acute)	> 50 mg/l
manganese dioxide (1313-13-9)	
LC50 fish 1	> 100 % v/v saturated solution, 96 h
EC50 Daphnia 1	> 100 % v/v saturated solution, 48 h
Cobalt (7440-48-4)	
LC50 fish 1	275 mg/l
LOEC (chronic)	53.6 mg/l as cobalt dichloride
NOEC (chronic)	31.1 mg/l 28 d as cobalt dichloride

12.2. Persistence and degradability

No additional information available

12.3. Bio accumulative potential

Not expected to bio accumulate.

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: 05/01/2016

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.