

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

Product Name	TEMPILSTIK 167F (75C)		
Part Number	TSC0075		
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**2.1 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.

2.2 Label Elements

Labelling according to Model Code of Practice – Labelling of Workplace Hazardous Chemicals

Hazard pictograms :



GHS07



GHS08

Signal word:

Warning

Hazard statements:

H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements:

P260 - Do not breathe dust or fumes
P264 - Wash hands thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves
P301+P312 - If swallowed: Call a poison center or doctor
P302+P352 - IF ON SKIN: Wash with plenty of water
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P312 - Call a poison center or doctor if you feel unwell
P321 - Specific treatment (see First aid measures on this label)
P330 - Rinse mouth
P362+P364 - Take off contaminated clothing and wash it before reuse
P501 - Dispose of contents/container to an authorised waste collection point

3. Composition Information on Ingredients

This product is considered to be hazardous and does contain hazardous components.
For further information on ingredients see section 16.

Name	CAS No	%	Classification
acetoacetanilide	102-01-2	70 – 90	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 STOT RE 2, H373
butyl 4-hydroxybenzoate	94-26-8	0–7	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Cobalt compound	trade secret	0–2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Carbon black	1333-86-4	< 0.1	Carc. 2, H351
Cobalt	7440-48-4	< 0.1	Resp. Sens. 1, H334 Skin Sens. 1, H317 Aquatic Chronic 4, H413
barium sulfate	7727-43-7	< 0.1	Not Classified

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, will result in serious health hazard. Harmful if swallowed.
- Eyes** Causes serious eye irritation.
- Skin** Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin.
- Inhaled** Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled.

4.2 First Aid Instructions

- Ingested** If this product is swallowed, CALL PHYSICIAN. Do NOT induce vomiting. Take copy of label and SDS to physician or other health professional with contaminated individual.
- Eyes** If this product enters the eyes, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Minimum flushing is for 15 minutes.
- 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.
- Inhaled** If particulates of dried-out material of this product are inhaled, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Remove or cover gross contamination to avoid exposure to rescuers.
- 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)

Possible symptoms of Chronic Health Effects

May cause damage to organs through prolonged or repeated exposure.

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 Product is not flammable.

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: This material must be substantially pre-heated before ignition occurs. When involved in a fire, this material may decompose and produce irritating and toxic 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.

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

Level B: which includes the use of Self-Contained Breathing Apparatus, should be worn when oxygen levels are below 19.5% or are unknown.

Pick-up material carefully and rinse area with soap and water. Avoid creating dust. 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 contact with skin and eyes. Packages of this product must be properly labelled. 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 location, away from direct sunlight, sources of intense heat, or where freezing is possible. Store away from incompatible materials (see Section 10, Stability and Reactivity). 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 ISO 16900.11:2015.
Gloves	Wear neoprene gloves for routine industrial use as per AS/NZS 2161 Set: 2008
Eye Protection	Safety goggles as per AS/NZS 1337.0:2014
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 stick.	Solubility in water :	n.d
Colour :	brown	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.

Hazardous Decomposition Products: Thermal decomposition generates : Carbon dioxide. Carbon monoxide.

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

11. Toxicological Information

Acute Toxicity: Oral: Harmful if swallowed. Dermal: Harmful in contact with skin. Inhalation: dust, mist. Harmful if inhaled.

12. Ecological Considerations

Currently, there are no adverse environmental effects that have been reported for this product. Avoid release to the environment.

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

Labelling requirements under the *Model Code of Practice for the Labeling of Workplace Hazardous Chemicals (March 2015)* apply to this product as sold. Labeling requirements under the *SUSMP* and the *ADG Code* does not apply to this product as sold. Refer section 2.

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 : LA-CO Industries Europe S.A.S. Parc Industriel de la Plaine de l'Ain - Allée des Combes. 01150.BLYES.France. Phone: +33 (0)4 74 46 23 23 Fax: +33 (0)4 74 46 23 29 E-mail: info@eu.laco.com Web: http://www.markal.com

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: 30/10/15 New SDS (Version 1.0) to comply with Model Code of Practice for the PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS - December 2011.

Data Sources used in the preparation of this SDS may include: *Information supplied by manufacturer:* : LA-CO Industries Europe S.A.S. (See disclaimer for contact details)
<http://hsis.safeworkaustralia.gov.au/HazardousSubstance>

Abbreviations used: n.d = not determined, n.a = not applicable, n.all =not allocated, SWA=Safe Work Australia, HSIS=Hazardous Substance Information System, 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.