



SAFETY DATA SHEET

1. Identification of Material and Supplier

Product Name	PYROMARK 2500 Flat Black		
Part Number	PYRO2500		
Other Names	None allocated		
Recommended Use	Heat resistant paint		
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 a DG Substance according to the ADG Code, is not a Scheduled Poison according to the SUSMP, is a flammable or combustible liquid according to AS1940.

Risk Phrases

R11	Highly flammable.
R20/21	Harmful by inhalation and in contact with skin.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R36/38	Irritating to eyes & skin.
R45	May cause cancer.
R46	May cause heritable genetic damage.
R48	Danger of serious damage to health by prolonged exposure.
R63	Possible risk of harm to the unborn child.
R65	Harmful: May cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

Safety Phrases

S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe fumes.
S24/25	Avoid contact with skin and eyes.
S29	Do not empty into drains.
S36/37	Wear suitable protective clothing and gloves.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S53	Avoid exposure-obtain special instructions before use.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

3. Composition Information on Ingredients

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

Chemical name	CAS Number	Classification	Proportion %
Stoddard Solvent	94-13-3	Xn; Carc Cat 2	8-12
Aromatic Naphtha Solvent	64742-94-5	Xn	1-5
Aromatic Naphtha Solvent	64742-95-6	Carc. Cat. 2 Muta. Cat. 2; Xn	20-25
Xylene	1330-20-7	F, Xn	18-22
Toluene	108-88-3	F, Xn, Xi Rep.Cat 3	1-5
Benzene	71-43-2	F, Carc Cat 1, Muta Cat 2, Xn, Xi	0.01-0.32
Black Pigment	269-056-3	N/A	18-22
Balance of Non hazardous ingredients		N/A	20-25

For further information on ingredients see section 16.

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, may cause severe irritation to the digestive tract.
Eyes	May be irritating to eyes.
Skin	Contact of this product may cause irritation, redness.
Inhaled	May cause headache, drowsiness, dizziness, loss of co-ordination, nausea. Repeated and prolonged occupational over-exposure to solvents may cause brain and nervous system damage.

4.2 First Aid Instructions

Ingested	If this product is swallowed, DO NOT INDUCE VOMITING – SEEK IMMEDIATE MEDICAL ATTENTION. Take copy of label and SDS to physician or other health professional with contaminated individual.
Eyes	If this product enters the eyes, open victim's eyes while under gently running water. Use sufficient force to open eyelids. Have victim "roll" eyes. <u>Minimum</u> 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	Remove to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
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)

The most significant hazard associated with this product would be the potential for slight irritation of contaminated skin and eyes. Inhalation of dried-out particulates may also cause irritation of the nose.

Possible symptoms of Chronic Health Effects

Reports have associated repeated and prolonged occupational over-exposure to solvents with brain and nervous system damage.

Possible aggravated pre-existing conditions

Respiratory symptoms associated with pre-existing lung 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 MSDS 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 Highly Flammable
Flash Point 31°C (88°F)

5.2 Suitable Extinguishing Media

Dry Chemical, CO₂, or universal type foam.

Hazchem Code: 3YE

5.3 UNUSUAL FIRE AND EXPLOSION HAZARDS: This material is flammable and may be ignited by heat, sparks, flame or static electricity. Closed container may explode in the heat of a fire.

5.4 Precautions for Fire Fighters and Special Equipment

Fire fighters must wear Self-Contained Breathing Apparatus and full protective equipment. 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)

Pick-up spill using absorbent material. 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, eyes and clothing.

7.2 Storage Advice

Keep in a tightly closed container, stored in a cool, dry, well-ventilated area. Store away from possible sources of ignition. Containers should be suitable earthed to prevent static charge formation.

8. Exposure Controls/ Personal Protection

8.1 Exposure Standards

An exposure standard for the product or the ingredients has been set by the ASCC.

<i>Substance</i>	<i>TWA(mg/m³)</i>	<i>STEL(mg/m³)</i>
Stoddard Solvent	790	-
Xylene	350	655
Toluene	191	574

8.2 Ventilation and Engineering Controls

Prudent practice is to ensure eyewash/safety shower stations are available near where this product is used. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limits outlined in this SDS.

8.3 Personal Protective Equipment

Respiratory	Use organic vapour respirator per AS/NZS 1716:2012.
Gloves	Wear chemical resistant neoprene gloves for routine industrial use as per AS/NZS 2161 Set: 2008
Eye Protection	Safety glasses with eye shields or chemical goggles as per AS/NZS 1337.1 2010.
Clothing	Wear normal welding protective clothing and equipment, minimise skin contact.
Industrial hygiene	When using, do not eat, drink or smoke, wash hands after use of this product.

9. Physical and Chemical Properties

Physical state : Black Liquid Paint
Freezing Point: Not Determined
Odour : aromatic Naphtha odour
pH value : Not determined
Vapour Density [Air=1]: 3.8
Vapour Pressure: 2.5 mmHg

Solubility in water : Negligible
Boiling Point: 110-193°C (230-380°F)
% Volatiles by Volume: 50% Approx
Flash point [°C] : 31°C (88°F).
Specific Gravity (Water =1): 1.15
Volatile Organic Compounds (VOC): Typically 624 gms/ltr or 5.2 lbs/gal

Other Properties

None relevant to product.

10. Stability and Reactivity

Stability: Stable.

Decomposition Products: If heated to decomposition may emit Carbon dioxide, carbon monoxide or other toxic compounds.

Materials with which substance is incompatible: Not available

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Avoid uncontrolled exposure to extreme temperatures and sources of ignition.

11. Toxicological Information

Carcinogenicity:

Stoddard solvents used in this formulation Carc Cat 2 substance.

Toluene used in this formulation is Repr. Cat 3 Substance.

Benzene used in this formulation is Carc Cat 1, and Muta Cat 2 Substance.

Toxicity data for:

Aromatic Naphtha Solvent (CAS# 64742-94-5): LD50 Oral Rat 7050 mg/kg bw. LC50 inhalation Rat 6hrs >11.4mg/litre, LD50 Dermal Rabbit >3160mg/kg bw.

Xylene: Oral LD50 rat 4300mg/kg bw, Inhalation LC50 rat 6350ppm 4hrs, Dermal LD50 rabbit >4350mg/kg bw.

Toluene: LC50 oral rat 636mg/kg bw, LC50 Inhalation rat 1hr 26700 ppm

Benzene: LD50 oral rat 930mg/kg bw. LC50 Inhalation rat 7hrs 10000ppm, LD50 dermal rabbit >9400mg/kg bw.

12. Ecological Considerations

Eco toxicological information not determined. Avoid release to the environment.

13. Disposal Considerations

Dispose of in accordance with Federal, State and local hazardous waste disposal regulations.

14. Transport Information

DG regulatory requirements apply to the transport of this product.

Proper Shipping Name: Paint – Flammable Liquid

UN Number: UN1263

Packing Group: II

HazChem Code: 3YE



15. Regulatory Information

Labeling requirements under the *ADG Code*, and the "*National Code of Practice for the Labeling of Workplace Substance*" [ASCC: 2012 (1994)] apply to this product.

LABELING (Precautionary Statements):

CAUTION! MAY BE HARMFUL IF INGESTED. CONTACT WITH EYES AND SKIN MAY CAUSE IRRITATION. Do not taste or swallow. Avoid contact with skin. Use with adequate ventilation. Wash thoroughly after handling. Wear gloves and safety goggles when using this product. FIRST-AID: In case of contact, immediately flush skin or eyes with large amounts of water. If inhaled, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. IN CASE OF FIRE: Use Dry Chemical, CO₂, or universal type foam. IN CASE OF SPILL: Pick-up spill using absorbent material. Place all spill residues in a suitable container and seal. Refer to SDS for additional information.

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 : Tempil Inc. 2901 Hamilton Boulevard, South Plainfield, NJ 07080. 908/757/8300.

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 New SDS (Version 1.) to comply with National Code of Practice for the
of Issue: 20/03/2013 PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS.

Data Sources used in the preparation of this MSDS may include: *Information supplied by manufacturer:* Tempil Inc. 2901 Hamilton Boulevard, South Plainfield, NJ 07080. 908/757/8300.
<http://hsis.safeworkaustralia.gov.au/>

Abbreviations used: n.d = not determined, n.a = not applicable, n.all =not allocated, SUSDP=Standard for the Uniform Scheduling of Drugs 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.

End of Safety Data Sheet.