



## 1. Product and Company Identification.

**Product Name:** WBA00104  
**Brand Name:** Transfer Additive  
**Last Updated:** 5<sup>th</sup> February 2002  
**Approved Use:** Waterbased Flexographic Printing  
**Supplier:** Iconix Inks Pty Ltd  
**Telephone:** +61 3 9681 9844  
**Facsimile:** +61 3 9681 9855  
**Address:** Unit 10, 41 Sabre Drive  
Port Melbourne VIC 3207  
Australia

## 2. Composition/Information on Ingredients

**Chemical characterisation: polyurethane in mixed solvents.**

### **Hazardous components:**

<b>Cas No</b>	<b>Names</b>	<b>Conc.</b>		<b>Symb.</b>	<b>R-phrases</b>
111-76-2	2-butoxyethanol	05.300	Xn		20/21/22-37
122-99-6	2-phenoxyethanole	20.3		Xn	22-36
9004-78-8	phenol, ethoxylated	1.5		Xi	36/38

(See full text of R phrases in Section 7)

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## 3. Hazards Identification

**Status:** Xn Harmful

Particular information pertaining to specific risks for human environment:

22 harmful if swallowed  
36 irritating to eyes

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## 4. First -Aid Measures

### General:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

### Inhalation:

Remove to fresh air, keep the patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth.

If unconscious, place in the recovery position and seek medical advice.

### Eye contact:



Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. DO NOT USE THINNERS OR SOLVENTS.

Ingestion:

If accidentally swallowed, obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

#### **5. Fire-Fighting measures**

Fire Risk: Non-Flammable

Procedures: As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

Extinguishing Media: CO2 / Powder / Water spray

#### **6. Accidental Release Measures**

Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sections 7 & 8. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite and place in a suitable container for disposal in accordance with the waste regulations. Clean preferably with a detergent, avoid the use of solvents.

#### **7. Handling and Storage**

Handling: Keep the container tightly closed. Exclude sources of heat, sparks and open flames. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Smoking, eating and drinking should be prohibited in areas of storage and use. For Personal Protection, see section 8.

Storage Method: Store between 5 and 25°C in a dry, well ventilated place, away from sources of heat, ignition and strong sunlight. No smoking. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidising agents and strongly alkaline/acidic materials.

Container: Poly Bottle

Max Storage T (C): 25

#### **8. Exposure Controls/Personal Protection**

Provide adequate ventilation, if needed by means of local exhaust ventilation.

Hand Protection:

When skin exposure may occur advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Eye Protection:

Eye protection designed to protect against liquid splashes should be worn, especially during wash ups.



**Skin Protection:**

Cotton overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner. **DO NOT USE THINNERS OR SOLVENTS AS SKIN CLEANING AGENTS.**

**CHIP Safety Phrases:-**

- 7 Keep container tightly closed
- 8 Keep container in a well ventilated place
- 18 Handle and open container with care
- 24 Avoid contact with skin
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- 28 After contact with skin, wash immediately with plenty of soap and water.

**9. Physical and Chemical Properties**

Form	Liquid	
Colour	Colourless	
Odour	Characteristic	
Flash point	> 100°C	Closed cup
Viscosity @ 20°C	1700-2100 mPas	
Density @ 20°C	approx. 1.00g/cm	DIN 51757-C Pycnometer
Vapour pressure @ 20°C	23 mbar	Literature
Lower explosion limit	0.8	Vol %
Upper explosion limit		
Solubility in water	water miscible	
Melting point	N/A	
Boiling point	N/A	
pH value	6-8	
Ignition temperature	N/A	
Solids contents	35.00%	Typical
Solids volume	00.00%	

**10. Stability and Reactivity**

Stable under the recommended storage and handling conditions. Will coagulate under acid conditions. In a fire hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

Keep wipers in an enclosed container.



#### **11. Toxicological Information**

There is no data available on the product itself. It is formulated within the BCF's guidelines on materials for exclusion from printing inks.

Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous system.

#### **12. Ecological Information**

There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

#### **13. Disposal Considerations**

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental protection Act.

#### **14. Transport Information**

This product is not classified as dangerous for carriage.

#### **15. Regulatory Information**

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and safety at Work Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

#### **16. Other Information**

The product should not be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

**END OF DATA SHEET**