

Material Safety Data Sheet

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Not Hazardous according to criteria of Worksafe Australia

SHEETFED OFFSET PRINTING INKS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Toyo Ink Australia Ltd
29 Garden st
KILSYTH 3137
Ph: +61 3 9728 4977 Fax: +61 3 9728 4099
Emergency: 000

Product Name: SHEETFED OFFSET PRINTING INKS

Synonyms: None

Manufacturer's Product Code(s): Process 2000 Series, Tianjin Series, Pantone Series, Specialty Colours, Tuff Pack ,
Aqualess Ecoo series, TK PDECO Series, Metal Decorating Series, TSP 400 Series, Tru Image Series

Use: Printing Ink

UN Number: No UN number allocated

Proper Shipping Name: Not applicable

Dangerous Goods Class: None allocated

Subsidiary risk: Not applicable

Packing Group: III

Hazchem Code: 2W

Poison Schedule: Not applicable

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
DIARYLIDE YELLOW ANILIDE PIGMENT	12%	Proprietary
CARBON BLACK PIGMENT	12%	Proprietary
C.I. PIGMENT RED 57:1	12%	Proprietary
COPPER PHTHALOCYANINE (BLUE) PIGMENT	12%	147-14-8
SPECIALTY PIGMENTS	12%	Various
PHENOLIC RESIN	10 to 30%	28470-78-2
PETROLEUM RESIN	1 to 10%	Mixture
LINSEED OIL	1 to 10%	67700-51-0
ALIPHATIC PETROLEUM DISTILLATES	10 to 30%	64742-88-7
WAX DISPERSION	1 to 10%	Mixture

3. HAZARD IDENTIFICATION

NOT HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

HAZARD CATEGORY: Not Harmful

ACUTE HEALTH EFFECTS

Swallowed:

Harmful if swallowed.

Vomiting, may cause this product to be aspirated into the lungs, which may lead to chemical pneumonitis.

Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin:

May cause irritation to the skin, with effects including: Redness and itchiness.

Inhaled:

Mists from the product may cause irritation to the nose, throat and respiratory system with effects including: Cough, discomfort, difficulty breathing and shortness of breath.

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Chronic:

Prolonged or repeated skin contact may lead to dermatitis.

Prolonged or repeated exposure or deliberately concentrating and inhaling the vapour(s) may result in lung function incapacity or death.

4. FIRST AID MEASURES

Swallowed:

If swallowed, DO NOT induce vomiting. Give 3 to 4 glasses of water to drink. Seek urgent medical assistance.

Eye:

If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. Immediately transport to hospital or doctor.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap.

Inhaled:

Remove victim to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.

First Aid Facilities:

Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

Not considered an explosion or fire hazard

Flammability

Not flammable under conditions of use

6. ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION:

Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas. Do not walk or touch spilt material unless wearing personal protection as outlined under MSDS.

SPILL OR LEAK PROCEDURE:

Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour; but it may not prevent ignition in closed spaces.

SMALL SPILLS:

Take up with sand, dirt or vermiculite. Place into labeled drum(s) for later disposal.

LARGE SPILLS:

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Notify Emergency Services (Police or Fire Brigade). Tell them exact location, nature, hazards, quantities, type of vehicle and any other information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this MSDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. No other special requirements for storage or transport are necessary

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) to the following components of the product:

PHENOLIC RESIN

No Exposure details available

PETROLEUM RESIN

No Exposure details available

LINSEED OIL

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

ALIPHATIC PETROLEUM DISTILLATES

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

WAX

No Exposure details available

Engineering Controls

Toxic and flammable solid. Maintain adequate ventilation at all times. Prevent accumulation of gas(es) in hollows or sumps. Eliminate any sources of ignition.

Personal Protection Equipment

CLOTHING: PVC, Nitrile, Neoprene, Natural rubber or any other type of apron or splash suit as recommended by the manufacturer.

GLOVES: PVC, Nitrile, Neoprene, Natural rubber or any other type of glove as recommended by the manufacturer.

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of gases. Select and use respirators in accordance with AS/NZS 1715/1716. When the concentration of airborne contaminants reach the exposure standards then the use of a half-face respirator with acid vapour cartridge is recommended. For high concentration use a atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus supplied air respirator complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels.

If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended. The use of fully-encapsulating, gas-tight suits is also recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: [Coloured paste]

Boiling Point Melting Point: [150 - 160 C]

Vapour Pressure: [Not applicable]

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Specific Gravity: [0.9 - 1.1 @ 20 C]
Flash Point: [> 100 C]
Flammability Limits: [Not flammable]
Solubility in Water: [Insoluble]

Other Properties
[None significant]

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Emits choking and toxic fumes when heated to decomposition.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

Strong acids, alkalis and oxidizing agents.

CONDITIONS TO AVOID:

Heat, flames, ignition sources and incompatibles.

11. TOXICOLOGICAL INFORMATION

There is no toxicological information available for this product.

12. ECOLOGICAL INFORMATION

There are no reported ecological effects of this material

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

UN Number: No UN Number allocated
Proper Shipping Name: No special storage or shipping requirements
Dangerous Goods Class: Not applicable
Subsidiary risk: Not applicable
Packing Group: III
Hazchem Code: 2W

Not classified as hazardous according to the criteria of Worksafe Australia

15. REGULATORY INFORMATION

Poison Schedule: Not applicable

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16. OTHER INFORMATION

Contact Point

TECHNICAL MANAGER:

Tel: +61 3 9728 4977

Disclaimer

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.