MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF MATERIAL AND SUPPLIER

Product name: IDEAL STAMP INK – ALL COLOURS
Other names: 1915 STAMP INK
Recommended use: PRINTING ON POROUS MATERIALS
Supplier name: ASTRON INDUSTRIES PTY LTD
Address: 8-10 NORWICH AVENUE, THOMASTOWN VIC 3074
Telephone no.: 03 9460 7577 (0900 – 1700 hrs)

SECTION 2: HAZARDS IDENTIFICATION


Acute Effects:
Inhalation: Very low volatility makes inhalation unlikely except where mists formed from vigorous agitation or high temperatures. Vapours may cause irritation to respiratory tract.
Ingestion: Ingestion of small amounts unlikely to cause serious injury, however ingestion of high dose may be lethal
Eye: May cause irritation
Skin: May cause irritation or dermatitis

Chronic Effects: Pre-existing medical conditions may be aggravated by long term exposure; skin allergies, asthma, bronchitis and emphysema.
Skin: Repeated skin contact may cause sensitization in some individuals.

SECTION 3: COMPOSITION/INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
<td>&lt; 25%</td>
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SECTION 4: FIRST AID MEASURES

Inhalation: If coughing, irritation or tightness in the chest is experienced, remove to fresh air. If symptoms persist seek medical attention.
Ingestion: If material swallowed do not induce vomiting. Seek medical assistance immediately.
Eye: Immediately wash eyes with copious amounts of water, occasionally lifting upper and lower eyelids.
Skin: In case of skin contact, remove clothing and rinse skin thoroughly with water. Launder clothing before re-use. Seek medical assistance if rash develops.
SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing media**  Dry chemical and carbon dioxide foam.

**Hazards from combustion products**  Toxic thermal decomposition products: CO₂, aldehydes, ketones and organic acids.

**Special protective precautions**  Do not release runoff from fire control methods into waterways or stormwater drains.

**Equipment for fire fighters**  Wear self-contained breathing apparatus with full facepiece operated in pressure demand/positive-pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

**Emergency procedures**
Recover as much material as practical. Soak up the balance with sand or other absorbent. Transfer residue to appropriate disposal containers.

**Methods and materials for containment and clean up.**
Residues may need to be disposed of as special waste/chemical waste.

SECTION 7: HANDLING AND STORAGE

**Safe handling**  Minimize breathing of vapours and avoid prolonged or repeated contact with skin.

**Safe storage**  Store in cool dry well ventilated area away from sunlight. Protect from freezing during shipping.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**National exposure standards**  Not determined

**Biological limit values**  Not determined

**Engineering controls**  Provide general or local exhaust ventilation systems. Local exhaust ventilation is preferred because it prevents contaminant dispersant into work area.

**Respiratory Protection**

**Personal protective equipment**  Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**  Viscous liquid

**Odour**  Sweet odour

**PH**  Not determined

**Vapour pressure**  <0.1 mm @ 93.3°C

**Vapour density**  Not applicable (air=1)

**Boiling point/range**  Decomposes before boiling

**Freezing/melting point (specify which)**  Not determined

**Water solubility**  Soluble

**Specific gravity**  1.0 @ 25°C

**Flash point**  >100°C

**Method for detecting flash point**  Pensky-Martens Closed Cup
SECTION 10: STABILITY AND REACTIVITY

**Chemical stability**  This material is stable when stored at room temperature in closed containers.

**Conditions to avoid**  Avoid exposure to UV, sunlight or temperatures > 65°C

**Incompatible materials**  Avoid exposure to strong acids, bases, oxidizers and reducing agents, isocyanates.

**Hazardous reactions**  Hazardous polymerization cannot occur

**Hazardous decomposition products**  CO₂, aldehydes, ketones and organic acids.

SECTION 11: TOXICOLOGICAL INFORMATION

**Acute Effects:**
- **Inhalation**  Human inhalation, TCₜ not determined
- **Oral**  Not determined

**Reproductive toxicity**  None established

**Mutagenicity**  None established

**Teratogenicity**  None established

**Sensitisation**  None established

SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**  Practically non-toxic to aquatic organisms on an acute basis.

**Persistence and degradability**  Not established

**Mobility**  Not established

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product/spills in accordance with local, State and Federal regulations at an approved waste disposal facility by incineration and/or approved landfill for chemical/special waste

SECTION 14: TRANSPORT INFORMATION

**UN number**  Not allocated (not subject to transport regulations)

**UN proper shipping name**  Not allocated

**Class and subsidiary risk**  Not allocated

**Packing group**  Not allocated

**Special precautions for user**  Not determined

**Hazchem Code**  Not allocated

Not classified for DOT, IATA or IMDG.
SECTION 15: REGULATORY INFORMATION

No Poisons Schedule number allocated to the substance

SECTION 16: OTHER INFORMATION

Date of preparation of the MSDS June 2010.

End of Material Safety Data Sheet