

One shot Ink (7240-7243)

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## MATERIAL SAFETY DATA SHEET

### PRODUCT IDENTIFICATION

**Product Name** One shot Black Ink  
**Trade Names** Marking Ink  
**Other Names** Stencilling Ink  
**Distributors Code** 7240- 7243

#### **Use and method of Application:**

**QUICK FLOWING STENCILLING INK. FOR USE THROUGH "ONESHOT" STENCILLING SYSTEMS. FC-75 FC-40 ROLLERS AND KC-40 BRUSH. PACKED IN SEALED CARTRIDGES.**

### HAZARDS IDENTIFICATION

#### **Statement of Hazardous Nature**

**Classified as HAZARDOUS SUBSTANCE, DANGEROUS GOODS according to the criteria of NOHSC.**

#### **APPLICABLE RISK PHRASES**

R10 flammable  
R36 Irritating to skin

#### **APPLICABLE SAFETY PHRASES**

S24/25 Avoid contact with skin and eyes

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<b>COMPOSITION / INFORMATION ON INGREDIENTS</b>
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**Poisons Schedule** : exempt

**Ingredients:**

CHEMICAL ENTITY	CAS.NO	PROPORTION
Diacetone alcohol	123-42-2	>60%
Dyes	Various	<10%

<b>FIRST AID</b>
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**Inhaled:** Remove from contaminated area into fresh air, keep warm and rest. If respiration is difficult or breathing stopped apply resuscitation and consult physician.

**Eye:** Immediately Irrigate with copious quantities of water for at least 15 minutes. Check for physical damage and seek medical advice.

**Skin:** Immediately wash contaminated skin with soap and water. Remove contaminated clothing and Launder before reuse.

**Swallowed:** Give plenty of water or milk to drink to achieve effective dilution. Do not induce vomiting. Seek medical advice immediately.

**Advice to Doctor: Treat symptomatically**

<b>FIRE FIGHTING MEASURES</b>
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**Extinguishing media:**

Foam, dry agents, CO<sub>2</sub> or water delivered as fine mist spray or fog.

**Hazards from Combustion Products:**

If heated to decomposition may release CO<sub>x</sub> and complex hydrocarbons.

**Specific Hazard:**

Flammable gases, liquid and vapour.

**Special fire fighting recommendations:**

Keep uninvolved containers cool with water spray.

Contain run-off for later collection and controlled disposal.

Protective clothing and self contained breathing apparatus should be used by firemen.

**HAZCHEM Code:** •3[Y]

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### ACCIDENTAL RELEASE MEASURES

**Spills and Disposal:**

Soak up with suitable chemical absorbent material and dispose of as per local authority regulations.

### HANDLING AND STORAGE

**Handling**

Avoid contact with skin. Avoid inhalation of vapours or mists. Use in well ventilated area away from all ignition sources.

**Conditions for safe storage**

Store in cool well ventilated dry area.

Store in tightly sealed original container. Do not repack in any other containers.

### EXPOSURE CONTROLS / PERSONAL PROTECTION

**Most likely exposure will be accidental contact with skin.**

**Exposure Standards:**

**SUBSTANCE NAME:** Diacetone Alcohol

**CAS Number:** 123-42-2

**Exposure Standard:**

TWA- 50ppm (238 mg/m<sup>3</sup>)

STEL: - ppm - mg/m<sup>3</sup>

**Biological Limit Values:**

There is no biological limit values allocated.

**Engineering Controls:**

Provide adequate ventilation.

Ensure ventilation is adequate to maintain air concentrations below exposure standards.

**Personal Protection:**

Avoid eye and skin contact.

Wear safety glasses.

Wear protective clothing to avoid skin contact for example latex gloves.

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Coloured low viscosity liquid.
<b>Odour:</b>	Pleasant characteristic odour.
<b>pH:</b>	Not Determined
<b>Vapour Pressure:</b>	13 KPA @ 20 °C
<b>Vapour Density:</b>	Not Determined
<b>Boiling Point (°C):</b>	140-175 °C
<b>Freezing Point (°C):</b>	Not Determined

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**Solubility:** Not Determined  
**Specific Gravity:** 1.013-1.053 Kg/L  
**Flash Point (°C):** 34 °C  
**UEL / LEL in air:** Not Determined  
**Ignition Temperature:** Not Determined  
**% Volatile:** 93-95 %  
**Other Properties:**

**Flammability:**

Flammable liquid

<b>STABILITY AND REACTIVITY</b>
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**Chemical Stability:** Stable under normal conditions of use.

**Conditions to avoid:** Flames, sources of ignition and incompatibilities.

**Incompatible materials:** reacts with oxidising agents, acids and alkalis.

**Hazardous decomposition Products:** If heated to decomposition may release CO<sub>x</sub> and complex hydrocarbons.

**Hazardous reactions:** Not determined

<b>TOXICOLOGICAL INFORMATION</b>
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**Likely routes of exposure that may result in adverse health effects are accidental contact with skin and eyes:**

**ACUTE EFFECTS:**

**Eye:** Moderate irritant. Can be absorbed through eyes. Can produce transient injury.

**Skin:** Slight irritant, may cause staining

**Inhaled:** Not likely to occur

**Swallowed:** May cause nausea and dizziness

**Long Term Effects:** Prolonged or repeated skin exposure may lead to dermatitis through the defatting action of the solvent.

**No other adverse health effects are expected if the product is handled in accordance with the safety data sheet and the product label. Symptoms that may arise if the product is mishandled are:**

**CHRONIC EFFECTS:**

Prolonged or repeated skin exposure may lead to dermatitis through the drying action of the solvent.

<b>ECOLOGICAL INFORMATION</b>
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**Ecotoxicity:** Not determined.

**Persistence / Degradability:** Not determined

**Mobility:** Not determined

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<b>DISPOSAL CONSIDERATIONS</b>
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Dispose of empty containers into a refuse bin for collection by local authority.

<b>TRANSPORT INFORMATION</b>
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U.N. Number	: 1210
UN Proper Shipping Name	: Printing Ink
Dangerous Goods Class	: 3
Subsidiary Risk	: N/A
Packaging Group	: III
Special Precautions for user	: transport as per regulations pertaining to UN 1210
Hazchem Code	: •3[Y]

<b>REGULATORY INFORMATION</b>
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All components of this product are listed on the Australian Inventory of Chemical Substances (AICS)

<b>OTHER INFORMATION</b>
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**References:****Australian Standards References:**

AS 1020	The Control of Undesirable Static Electricity.
AS 1076	Code of Practice for selection, installation and maintenance of electrical apparatus and associated equipment for use in explosive atmospheres (other than mining applications) – Parts 1 to 13
AS/NZS 1336	Recommended Practices for Occupational Eye Protection
AS/NZS 1715	Selection, Use and Maintenance of Respiratory Protective Devices
AS/NZS 1716	Respiratory Protective Devices
AS 1940	The Storage and Handling of Flammable and Combustible Liquids
AS 2161	Industrial Safety Gloves and Mittens (excluding electrical and medical gloves)
AS 2380	Electrical equipment for explosive atmospheres – Explosion Protection Techniques (Parts 1 to 9)
AS 3000	Electrical installations (known as the Australian/New Zealand Wiring Rules).
NOHSC:2011(2003)	National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition, April 2003, National Occupational Health and Safety Commission.
NOHSC; 2012 (1994)	National Code of Practice for the Labelling of Workplace Substances, March 1994, Australian Government Publishing Service, Canberra.
NES	National Occupational Exposure Standards for Workplace Atmospheric Contaminants (NES), Safe Work Australia (formerly ASCC/NOHSC) 1995 as amended.
ADG Code	Australian Dangerous Goods Code 7th Edition.

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**DATE OF REVISION:**

**Reason for issue:**

**CONTACT:**

**Phone:**

End of MSDS

**01/04/14**

**Routine review. No change**

**QOHSE Department**

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