

One shot Ink - black

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MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Product Name One shot Black Ink
Trade Names Marking Ink
Other Names Stencilling Ink
Manufacturers Code 13810

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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COMPOSITION / INFORMATION ON INGREDIENTS

Poisons Schedule : exempt

Ingredients:

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

FIRST AID

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

FIRE FIGHTING MEASURES

Extinguishing media:

Foam, dry agents, CO₂ or water delivered as fine mist spray or fog.

Hazards from Combustion Products:

If heated to decomposition may release CO_x 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: 2[S]

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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
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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/m³)

STEL: - ppm - mg/m³

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

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

STABILITY AND REACTIVITY

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_x and complex hydrocarbons.
Hazardous reactions: Not determined

TOXICOLOGICAL INFORMATION

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.

ECOLOGICAL INFORMATION

Ecotoxicity: Not determined.
Persistence / Degradability: Not determined
Mobility: Not determined

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DISPOSAL CONSIDERATIONS

Dispose of empty containers into a refuse bin for collection by local authority.

TRANSPORT INFORMATION

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	: 2[S]

REGULATORY INFORMATION

All components of this product are listed on the Australian Inventory of Chemical Substances (AICS)

OTHER INFORMATION

References:

Raw Material supplier's Material Safety Data sheets.

1. Australian Health Minister's Advisory Council, Standard for the Uniform scheduling of drugs and poisons, No.11, AGPS, Canberra, 1996
2. National Occupational Health and Safety Commission, 'National Code of Practice for the Preparation of Material Safety Data Sheets' [NOHSC:2011(1994)], AGPS, Canberra, 1994
3. National Occupational Health and Safety Commission, 'List of Designated Hazardous Substances' [NOHSC:10005(1994)], AGPS, Canberra, 1994
4. National Occupational Health and Safety Commission, 'Exposure Standards for Atmospheric Contaminants in the Occupational Environment' [NOHSC:1003(1995)], AGPS, Canberra, 1995
5. National Occupational Health and Safety Commission, 'Approved Criteria for Classifying Hazards' [NOHSC:2011(1994)], AGPS, Canberra, 1994

DATE OF REVISION:

28/10/05

Reason for issue:

Routine review and alignment with NOHSC regulations.

CONTACT:

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End of MSDS