

DATED: Oct 2010

## SAFETY DATA SHEET

In compliance with  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994

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1. (A) THE PREPARATION

X2 Marking Ink & Solvent

(B) THE COMPANY

Stamps Direct Ltd  
111 Eade Road, Norwich NR3 3EP  
Tel: 01603 624407 Fax: 01603 665983

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2. INFORMATION ON INGREDIENTS

4\_Hydroxy\_4\_Methylpentan\_2\_one Xi (Risk phrases 36)

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3. HAZARDS IDENTIFICATION

The preparation is irritating to the skin and highly irritating to the eyes, the vapour lost to Evaporation is also irritant to the eyes and throat at concentrations of 100ppm or more.

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4. FIRST-AID MEASURES

Accidental skin contact - wash immediately with soap and water; remove contaminated clothing.

Eye contact - irrigate with water for at least 10 minutes, seek medical attention and show container or label.

If swallowed - wash out mouth with water. Do not induce vomiting, seek medical attention.

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5. FIRE-FIGHTING MEASURES

Water spray, foam or dry powder may be employed as extinguishing media, evolution of toxic Fumes need not be expected.

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6. ACCIDENTAL RELEASE MEASURES

Ventilate the working area. No smoking or naked lights. Shut down all possible sources of Ignition. Soak up spill with sand or earth and dispose of in accordance with the local regulations.

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## 7. HANDLING AND STORAGE

Suitable protective clothing including goggles and rubber or PVC gloves should be worn if Handling large quantities of the preparation. Electrical earthing should be used if the preparation Is transferred or poured. This is especially important where plastic vessels or tubing are employed. The preparation should be stored in cool conditions, away from sources of heat ignition, direct Sunlight and incompatible substances (see 10 below). Store away from foodstuffs, keep away from Children.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

The preparation need not be considered to be an appreciable health hazard under normal Conditions of use if good ventilation exists in the workplace and the earthing precautions Mentioned in 7 above are observed, no special protection is required for handling small quantities Care should be taken to avoid contact with eyes and to avoid prolonged skin contact.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance:</u>	Coloured, mobile liquid.
<u>Odour:</u>	Characteristic Sharp Odour
<u>pH:</u>	N/A
<u>Boiling range:</u>	167°C
<u>Melting point:</u>	ca 45c
<u>Flash point:</u>	57c minimum
<u>Autoflamability:</u>	600c
<u>Explosive properties:</u>	Vapour /air mixtures may be explosive at Temperatures above flash point.
<u>Oxidising properties:</u>	None
<u>Vapour pressure:</u>	1.1mm Hg at 20c
<u>Relative density:</u>	ca 0.97g /cm <sup>3</sup> at 20c
<u>Solubility:</u>	Partly miscible with water. Fully miscible with Lower alcohols and ketones.
<u>Other data:</u>	

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**10. STABILITY AND REACTIVITY**

Satisfactorily stable for normal purposes but slow decomposition will occur on prolonged Storage, giving rise to products with a much lower flash points, including acetone. The same Can occur much faster if the preparation is exposed to strong sunlight or if heated, especially In the presence of even minute traces of alkaline materials. Storage for greater than one year is Not recommended. May react with oxidizing agents.

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**11. TOXICOLOGICAL INFORMATION**

The preparation has a fairly low degree of oral toxicity (LD50 RAT ca4000mg/Kg) Pro-longed skin contact will cause defatting and will contribute to dermatitis and other skin Complaints. The liquid preparation is capable of causing moderate to severe eye irritation with Transient corneal damage. The vapour in concentrations of 100ppm or more will cause eye and throat irritation and at still higher concentrations will cause nasal and pulmonary irritation. The threshold limit value is 50ppm (240mg/m3)

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**12. ECOLOGICAL INFORMATION**

The preparation contains small quantities of substances considered to be environmentally Damaging and should be taken into account if arranging disposal.

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**13. DISPOSAL CONSIDERATIONS**

Although not highly toxic, the preparation should be treated as special waste in accordance With local regulations. Controlled incineration is permissible. Do not allow to enter drains And watercourses and inform authorities, including fire service if this occurs.

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**14. TRANSPORT INFORMATION**

The following information applies:-

1. Flammable Liquid NOS\* immiscible with water, FP>23c <61c, BP >35C

2. UNNO 1993
  3. CLS 3
  4. SH
  5. EAC 3Y
  6. HI 30
  7. T Y
  8. B N
  9. PG III
  10. SP 185
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**15. REGULATORY INFORMATION**

The preparation shall carry a label clearly printed with the following information:-

- a) The name full address and telephone number of the supplier as set out in section I B;
  - b) The trade name or designation – X2 marking ink & Solvent
  - c) I Identification of hazardous constituents :  
4-Hydroxy-4methylpentan-2-one
  - II The indications of danger and the symbol  
Irritant Xi
  - III The risk phrases:  
R36 Irritating to eyes
  - IIII The safety phrases:  
S2 Keep out of reach of children  
S24/25 Avoid contact with skin and eyes.
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**16. OTHER INFORMATION**

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