

**SAFETY DATA SHEET**  
**Kennedy Metal Marker**

Revision Date: 29/06/2016

Revision: 12

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Produced in Accordance with Directive 1907 / 2006 / EC (REACH)

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING**

1.1. Product identifier

Product Name	Kennedy Metal Marker	Order Code:	KEN-734-3020K_3040K_3060K_3080K_3100K_3120K_3140K
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Product use	Industrial marker for use on clean, dirty, rusty or greasy metal, glass, plastic and painted surfaces.
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1.3. Details of supplier of the safety data sheet

Supplier	Kennedy Tools	Manufacturer	Industrial Services (York) Ltd
Address	Wigston Leicester England LE18 2FS		Station Estate Tadcaster North Yorkshire LS24 9SG
Telephone	44 (0) 116 288 8000		01937 832761
Fax	44 (0) 116 288 8222		01937 833012
Email			<a href="mailto:info@suremark.ltd.uk">info@suremark.ltd.uk</a>
Email address of the competent person			<a href="mailto:info@suremark.ltd.uk">info@suremark.ltd.uk</a>

1.4. Emergency telephone number


Emergency telephone number	01937 832761
Company	Industrial Services (York) Ltd 8.30 – 17.00 Hrs.

**SECTION 2: HAZARDS IDENTIFICATION**

2.1. Classification of the substance or mixture

2.1.1. Classification	F; R11 Symbols: F: Highly flammable.
Main hazards	Highly flammable

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Flam. Liq 3: H226 – Highly flammable liquid and vapour.
Precautionary Statement:	P210 – Keep away from heat, hot surfaces, sparks open flames and other ignition sources. No smoking.
Precautionary Statement: Response	P303 + P378 – In case of fire: Use to extinguish Powers, CO <sup>2</sup> , Foams. DO NOT USE WATER.
Precautionary Statement: Storage	P403 + P235 – Store in a well-ventilated place. Keep cool.

2.3. Other hazards

Other hazards	N/A
Further information	This substance is not identified as a PBT substance.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

3.1. Mixtures

Chemical Name	CAS No.	% wt
Cellulose Nitrate	009004-70-0	30 max
Ethyl Acetate	141-78-6	25 max R11
Denatured alcohol	64-17-5	50 max R11

**4. FIRST-AID MEASURES**

4.1. Description of first aid measures

Inhalation	Remove to fresh air, keep patient warm and at rest. If unconscious place in recovery position.
Eye contact	Irrigate with water for 20 minutes holding eyelids apart. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash contaminated area with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea or vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

**5. FIRE FIGHTING MEASURES**

5.1. Extinguishing media

	Powder, CO2, Foams. DO NOT USE WATER.
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5.2 Special hazards arising from the substance or mixture.

	Burning will produce irritating, toxic and obnoxious fumes. Vapours may ignite and flash to source.
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5.3 Advice for firefighters

	Self-contained breathing apparatus. Wear protective clothing.
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**6. ACCIDENTAL RELEASE MEASURES**

6.1 Personal precautions, protective equipment and emergency procedures.

	Ensure adequate ventilation of the working area. Wear suitable protective equipment. Eliminate all sources of ignition. Evacuate personnel to a safe area.
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6.2 Environmental precautions.

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3 Methods and material for containment and cleaning up.

	Clean spills promptly. Contain spillage with absorbent material and collect for disposal
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**7. HANDLING AND STORAGE**

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working are. Keep away from sources of ignition – No smoking.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area.
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7.3. Specific end use(s)

	Printing ink.
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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1. Exposure limit values

	Name	CAS No	Exposure Limits
	Ethyl Acetate	141-78-6	OEL 400 ppm (1400 mg/m3)
	Denatured Alcohol	64-17-5	OEL 200 ppm (260 mg/m3)

8.2. Exposure controls

General measure	Wash hands during breaks and at end of work.
Eye protection	Approved safety glasses/goggles.
Skin protection	Wear suitable protective clothing and gloves.
Respiratory protection	None if adequate ventilation / extraction is maintained.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Viscous liquid.
Colour	Various.
Odour	Alcohol/Pleasant
Solubility	Insoluble in water.
pH	No data available.
Initial boiling point	80 – 100
Flammability (solid, gas)	No data available.
Flash point	< 14
Vapour density	No data available.
Viscosity	No data available.
Auto ignition temperature	No data available.

**10. STABILITY AND REACTIVITY**

10.1. Reactivity

	Stable under normal conditions.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Oxidising agents.
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10.4. Conditions to avoid.

	Heat, sparks and open flames.
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10.5. Incompatible materials

	Strong acids. Strong oxidizing agents.
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10.6. Hazardous decomposition products.

	None under normal conditions. Burning will produce irritating, toxic and obnoxious fumes. Carbon oxides.
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**11. TOXICOLOGICAL INFORMATION**

11.1. Information of toxicological effects

Skin	Irritation. May cause sensitization by contact.
Inhalation	May cause dizziness, headache or drowsiness.
Eyes	Irritation. Possible cornea damage with long-term exposure to fume.
Ingestion	Low toxicity – may cause nausea.

**12. ECOLOGICAL INFORMATION**

12.2. Persistence and degradability

	No data is available on this product.
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12.3. Bio accumulative potential

	No data is available on this product.
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12.4. Mobility in soil

	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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12.6. Other adverse effects

	Negligible ecotoxicity.
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**13. DISPOSAL CONSIDERATIONS**

13.1. Waste treatment methods

	Dispose of in compliance with all local and national regulations.
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**14. TRANSPORT INFORMATION**

Hazard pictograms

	
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14.1. UN Number

	UN 1210
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14.2. UN proper shipping name

	Printing Ink
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14.3.

Transport hazard class

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing Group

Packing group	II
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

14.6. Special precautions for user

	No significant hazard
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**15. REGULATORY INFORMATION**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

	1907/2006/EC
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**16. OTHER INFORMATION**

Text of risk phrases in Section 2 and 3	R11 – Highly flammable
Revision	This document differs from the previous version in the following areas: Label elements

Further information

	<b><u>NB. Suremark Metal Ink is not conductive.</u></b> The information submitted in this sheet is based on our current knowledge. However, the information is provided without warranty regarding its correctness. The data contained herein does not imply any legally binding assurances of certain properties or of suitability for a specific purpose. We does not assume liability for loss, damage or expense arising out of or in any way connected with the handling, storage or disposal of this product. This MSDS was prepared for and is to be used only for this product
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