SAFETY DATA SHEET
Kennedy Metal Marker

Order Code: KEN7343100K (BLACK); KEN7343120K (RED); KEN7343060K (BLUE); KEN 7343080K (GREEN); KEN7343020K (YELLOW); KEN7343140K (ORANGE); KEN7343040K (WHITE)

Produced in Accordance with Directive 1272 / 2008 / EC (REACH) CLP

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

1.1. Product identifier

Product Name	Kennedy Metal Marker

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.

1.3. Details of supplier of the safety data sheet

Company	Kennedy Tools
Address	Wigston Leicester England LE18 2FS
Telephone Fax Email Email address of the competent person	44 (0) 116 288 8000 44 (0) 116 288 8222

1.4. Emergency telephone number

Emergency telephone number	01937 832761
Company	Industrial Services (York) Ltd 8.30 – 17.00 Hrs. Mon – Thursday 8.30 – 14.30 Hrs. Fri

SECTION 2: HAZARDS INDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. Classification	F; H226 Flammable liquid and vapour Symbols: F: Flammable.
Main hazards	Flammable

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Flam. Liq 3: H226 – Flammable liquid and vapour.
Precautionary Statement:	N/A
Precautionary Statement: Response	N/A
Precautionary Statement: Storage	N/A

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.	EC No.	% wt	Classification
Ethanol	64-17-5	200-578-6	40 – 50%	Flam. Liq.2: H225
Propyl acetate	109-60-1	203-686-1	0.5 – 1%	Flam. Liq.2: H225 Eye Irrit. 2: H319; STOT SE 3: H336
Propatech T Retarder	1569-02-4	216-374-5	10 – 20%	Flam. Liq.3: H226: STOT XE 3: H336

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.

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.

5.3 Advice for firefighters

	Self-contained breathing apparatus. Wear protective clothing.

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.

6.2 Environmental precautions.

	Do not allow product to enter drains. Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up.

	Clean spills promptly. Contain spillage with absorbent material and collect for disposal

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.

7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area.

7.3. Specific end use(s)

	Printing ink.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure limit values

	No data available.

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.

10.2. Chemical stability

	Stable under normal conditions.

10.3. Possibility of hazardous reactions

	Oxidising agents.

10.4. Conditions to avoid.

	Heat, sparks and open flames.

10.5. Incompatible materials

	Strong acids. Strong oxidizing agents.

10.6. Hazardous decomposition products.

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

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.

12.3. Bio accumulative potential

	No data is available on this product.

12.4. Mobility in soil

	No data is available on this product.

12.5. Results of PBT and vPvB assessment

	No data is available on this product.

12.6. Other adverse effects

	Negligible ecotoxcity.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

	Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

Hazard pictograms

	

14.1. UN Number

	UN 1210

14.2. UN proper shipping name

	Printing Ink

14.3.
Transport hazard class

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

14.4. Packing Group

Packing group	II

14.5. Environmental hazards

Environmental hazards Marine pollutant	No No

14.6. Special precautions for user

	No significant hazard

15. REGULATORY INFORMATION

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

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16. OTHER INFORMATION

Text of risk phrases in Section 2 and 3	Flam. Liq 2: H225 – Highly flammable liquid and vapour. Flam. Liq 3: H226 – Flammable liquid and vapour. STOT SE 3: H336 – May cause drowsiness or dizziness. Eye Irrit. 2: H319 – Cause serious eye irritation.
Revision	This document differs from the previous version in the following areas: Directive information.

Further information

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