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MATERIAL SAFETY DATA SHEET

Revision Date: 16/04/2019

Transport/Fire Emergency: **000** (Emergency Services)
Medical Emergency: **131126** (Poisons information)

Cranfield Traditional Etching Ink

| 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION | |
|---|---|
| PRODUCT NAME: | Cranfield Traditional Etching Ink |
| OTHER NAMES: | Oil Based Etching Ink Intaglio Ink HFAW Etching Ink Heidelberg Etching Ink Heidelberg Fine Art Etching Ink |
| APPLICATION OF SUBSTANCE: | Inks for Fine Art Printmaking |
| MANUFACTURED BY: | Cranfield Colours Ltd 44-47 Springvale Industrial Estate Cwmbran, NP44 5BB Wales, UK |
| CONTACT NUMBERS: | +00 44 (0)1633 861421 (office hours) email: hello@cranfield-colours.co.uk |
| 2. HAZARDOUS INFORMATION | |
| <p>Not a hazardous mixture. This product does not require labelling. If used adequately, according the safety information of this safety data sheet, the product does not present hazards for humans or the environment. The usual safety precautions for the handling of chemical substances should be observed.</p> <p>- EUH066 Repeated exposure may cause skin dryness or cracking. (CLP/GHS)</p> | |
| MANUFACTURER'S CODE: | BKC 1810, BKC1812, BKC 1824, BKC 1925, BKC 1538, BLC 24197, RDC 63251, YLC 91611, YLC 9926, YLC 9928, YLC 9927, YLC 9929, YLC 9931, ORC 5482, ORC 5483, RDC 62839, RDC 61976, RDC 61977, RDC 61978, RDC 61664, RDC 61926, RDC 62840, RDC 63281, VLC 7447, VLC 7586, VLC 7392, BLC 21955, BLC 21983, BLC 21956, BLC 21981, BLC 21982, BLC 21984, BLC 24737, GRC 41238 GRC 41240, GRC 41239, GRC 41241, GRC 41242, YLC 9842, BRC 31037, BRC 31036, BRC 31010, BRC 3934, BRC 3935, RDC 61470 BRC 31035, WTC 81257, WTC 83191, WTC 82471, WTC 83257, WTC 00877, WTC 00873 |
| UN NUMBER: | N/A |
| DANGEROUS GOODS CLASS AND SUBSIDIARY RISK: | N/A |
| HAZCHEM CODE: | N/A |
| POISONS SCHEDULE NUMBER: | N/A |

| 2. HAZARDOUS INFORMATION | |
|---------------------------------|-----|
| PACKAGING GROUP: | N/A |
| HAZARD CATEGORY: | N/A |
| CLASS: | N/A |

| 3. COMPOSITION / INFORMATION ON INGREDIENTS | |
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| Organic and Inorganic Pigment preparations in Linseed Oil No ingredients classified as dangerous (Directive 67/548/ EEC (DSD)) No Ingredients classified as hazardous (Regulation (EC) No. 1272/2008 (CLP)) | |

| 4. FIRST AID MEASURES | |
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| GENERAL: | In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. |
| INHALATION: | Remove to fresh air. Keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice. |
| EYE CONTACT: | Contact lenses should be removed if easy to do so. Irrigate copiously with clean, fresh water for at least 15 minutes and seek medical advice. Splashes in the eyes may cause irritation and reversible local damage. |
| SKIN CONTACT: | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. |
| INGESTION: | If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting. |

| 5. FIRE FIGHTING MEASURES | |
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| EXTINGUISHING MEDIA: | Alcohol resistant foam, CO2, powder |
| DO NOT USE: | Water jet |
| DEGREE OF FIRE RISK: | Low |
| RECOMMENDATIONS: | Fire will produce dense black smoke. Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses. |

6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and provide adequate ventilation. Avoid breathing of vapours.

Do not allow to enter drains or water courses.

If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority should be contacted.

Contain and collect small spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the local waste regulations Clean up preferably with a detergent; avoid the use of solvents.

7. HANDLING AND STORAGE

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| HANDLING: | Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Ingestion: Smoking, eating and drinking should be prohibited in areas of storage and use. Never use pressure to empty the container. The container is not a pressure vessel. Always keep in containers made of the same material as the supplied container. |
| STORAGE: | Store between 4-30°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidising agents and strongly alkaline and strongly acidic materials. |

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

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| ENGINEERING MEASURES: | Provide adequate ventilation especially in confined areas. |
| <i>PERSONAL PROTECTION</i> | |
| RESPIRATORY PROTECTION: | Not necessary under normal working conditions. |
| HAND PROTECTION: | When skin exposure may occur wear gloves. Seek advice from gloves suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin. They should not be applied once exposure has occurred. |
| EYE PROTECTION: | Eye protection designed to protect against liquid splashes should be worn. |
| SKIN PROTECTION: | Wear suitable overalls and make sure they are frequently laundered. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| APPEARANCE: | White and Coloured Pastes with linseed oil odour |
| FLASH POINT: | > 100°C (not flammable) |
| BOILING POINT: | > 240°C |
| VAPOUR PRESSURE: | N/A |
| VAPOUR DENSITY: | N/A |
| SPECIFIC GRAVITY: | 1 |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| SOLUBILITY IN WATER: | Insoluble |
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| MELTING POINT: | N/A |
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10. STABILITY AND REACTIVITY

No reactivity hazards known. Stable under normal conditions of use.

Avoid high temperatures for prolonged periods. Keep away from oxidising agents, strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction. When exposed to high temperatures for prolonged periods, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself.

12. ECOLOGICAL INFORMATION

There is no data available on the product itself.

13. DISPOSAL CONSIDERATIONS

Wastes and emptied containers should be disposed of in accordance with local regulations.

14. TRANSPORT INFORMATION

The product is not regulated for transport.

15. REGULATORY INFORMATION

The information contained in this safety datasheet is provided in accordance with the requirements of Regulation EC No.1272/2008 on the Classification Labelling and Packaging (CLP) of mixtures and substances. It amends and repeals Dangerous Substances Directive (DSD) 67/548/EEC and Dangerous Preparations Directive (DPD) 199/45/EC and amends Regulation EC No.1907/2006 (REACH) The regulation incorporates the classification and labelling rules of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

The user is required to carry out his or her own assessment of workplace risks.

16. OTHER INFORMATION

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for a particular application.