



SAFETY DATA SHEET

Cranfield Traditional Relief Inks
Regulation (EC) No. 1272/2008

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND COMPANY

1.1 Product Identifier

Product Name: Cranfield Etching Ink ('Traditional' Oil-Based)

1.2 Relevant Identified Uses of the Substance / mixture and uses advised against: Inks for Fine Art Printmaking

1.3 Details of supplier of the data sheet Company:

**Cranfield Colours Ltd
44 – 47 Springvale Ind Estate
Cwmbran
Torfaen
United Kingdom**

Phone Number 00 44 (0) 1633 861421

1.4 Emergency Telephone Number: (Office Hours Only)
+00 44 (0)1633 861421

SECTION 2 HAZARD IDENTIFICATION

If used adequately, according to the safety information of this safety data sheet, the product should not present hazards for humans or the environment. The usual safety precautions for the handling of chemical substances should be observed.

2.1 Classification

Classification according to Regulation (EC) No. 1272/2008 (CLP & GHS) - Not classified as dangerous
Classification according to Directive 1999/45 / EC (DPD) - Not classified as dangerous

2.2 Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP & GHS) - Skin Sens 1 H317

Classification according to Directive 1999/45 / EC (DPD) - R43

2.3 Other Hazards

EUH066 - Repeated exposure may cause skin dryness or cracking.
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.
Splashes in the eyes may cause irritation and reversible local damage.
EUH208 – Contains Hydroquinone and Manganese octoate. May produce an allergic skin reaction

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture - Organic and/or Inorganic Pigment preparations in Linseed Oil



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SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

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.
Eye contact	If unconscious, place in the recovery position and seek medical advice. Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 15 minutes, and seek medical advice.
Skin contact	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.
Ingestion	If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.

4.2 Most important symptoms and effects both acute and delayed

	None expected under normal handling and usage
Inhalation	None expected under normal handling and usage
Ingestion	None expected under normal handling and usage
Contact with Skin	None expected under normal handling and usage 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. May cause an allergic skin reaction
Contact with Eyes	None expected under normal handling and usage Splashes in the eyes may cause irritation and reversible local damage.

4.3 Indication of any immediate medical attention and special treatment needed.

No specific measures noted

SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing \ media: Recommended: alcohol resistant foam, CO₂, powder. Not to be used, water jet.

5.2 Special Hazards arising from Substance / Mixture

Degree of Risk of fire – LOW (Flash point > 100 °C)

5.3 Advice for Firefighters

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.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

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

6.2 Environmental precautions

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.



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6.3 Methods and material for containment and cleaning up

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.

6.4 Reference to other sections

Refer to Protective measures listed in Section 7 and 8.
Refer to Section 13 for disposal considerations

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe 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.
For personal protection, see Section 8.
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.

7.2 Conditions for safe storage

Observe the label precautions. Store between 4 and 30 degrees 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.

7.3 Specific end use(s) - See Section 1.2

SECTION 8 EXPOSURE CONTROL PERSONAL PROTECTION

8.1 Control Parameters – none determined.

8.2 Exposure Controls

Provide adequate ventilation especially in confined areas.

Personal Protection:

Respiratory protection Not applicable.

Hand protection

When skin exposure may occur wear gloves. Advice should be sought from glove 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

Protection clothing should be worn by the user.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

9.2 Other information

Physical state : White and Coloured Pastes
Odour : Linseed Oil
Flash point : > 100 °C (Not flammable)
Boiling point : > 240 °C



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Viscosity : n.d.a
Specific gravity : + 1
Vapour density : n.d.a
Solubility in water : Not Soluble

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity No reactivity hazards known
10.2 Chemical stability Stable under normal conditions of use (See Section 7).
10.3 Possibility of hazardous reactions. No hazardous reactions expected if stored and handled as prescribed.
10.4 Conditions to avoid High temperatures for prolonged periods.
10.5 Incompatible materials Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.
10.6 Hazardous decomposition products
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

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
There is no data available on the product itself.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity
12.2 Persistence and degradability
12.3 Bioaccumulative potential.
12.4 Mobility in soil
12.5 Results of PBT and vPvB assessment
12.6 Other adverse effects

There is no data available on the product itself.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

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

SECTION 14 TRANSPORT INFORMATION

14.1 UN Number - not assigned
14.2 UN Proper Shipping name - not assigned
14.3 Transport Hazard Classes - Non Hazardous
14.4 Packing group. - Non Hazardous

The product is not regulated for transport.

SECTION 15 REGULATORY INFORMATION

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



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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)

15.2 Chemical safety assessment

The product is not classified as dangerous within the meaning of the EC Directive 99/45/EC.

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

SECTION 16 OTHER INFORMATION

The information contained in this safety datasheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations.

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 particular application