
SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND COMPANY

1.1 Product Identifier

Product Name: Cranfield Caligo Safe Wash Etching Inks
Product Codes: BKC-1943, BKC-1944, BKC-1945
BLC-24911, BLC-24914, BLC-24915
BRC-32284
GRC-43171
RDC-63599, RDC-63601, RDC-63602
VLC-71204
WTC-83838, WTC-83840
YLC-91780, YLC-91779, YLC-91782

1.2 Relevant Identified Uses of the

Substance / mixture and uses: Inks for Fine Art Printmaking
Uses advised against: Tattoo ink

1.3 Details of supplier of the data sheet

Company: Cranfield Colours Ltd
Address: 44-47 Springvale Industrial Estate
Cwmbran, NP44 5BB
Wales, UK
email: hello@cranfield-colours.co.uk

1.4 Emergency Telephone Number:

+00 44 (0)1633 861421
(Office Hours Only. THIS IS NOT A POISON CENTRE)

Date of Issue: 22 January 2020
Revision: V1.1
Date of Previous Issue: January 2016
Previous Version: V1.0

SECTION 2 HAZARD IDENTIFICATION

Not a hazardous mixture. This product does not require labelling. If used adequately, according to 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.

2.1 Classification

Classification according to Regulation (EC) No. 1272/2008 (CLP &GHS) - Not Classified

2.2 Label Elements - None required

2.3 Other Hazards - EUH066 Repeated exposure may cause skin dryness or cracking. (CLP/GHS)

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture. Organic and Inorganic Pigment preparations in Linseed Oil

Classification according to Regulation (EC) No. 1272/2008 (CLP) - No Ingredients classified as hazardous

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.

Inhalation	Never give anything by mouth to an unconscious person. 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.
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.
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.

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

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 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.

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
Viscosity : No Data Available
Specific gravity : > 1
Vapour density : No Data Available
Solubility in water : Not soluble, can be emulsified

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, 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	- No Data Available
12.2 Persistence and degradability	- No Data Available
12.3 Bioaccumulative potential	- No Data Available
12.4 Mobility in soil	- No Data Available
12.5 Results of PBT and vPvB assessment	- No Data Available
12.6 Other adverse effects	

There is no data available on the product

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 substance or mixture**

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	:	Not Applicable
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:	Not Applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	Not Applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not Applicable
Regulation (EC) No 850/2004 on persistent organic pollutants	:	Not Applicable
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major accident hazards involving dangerous substances.	:	Not Applicable

15.2 Chemical safety assessment

Not Applicable

SECTION 16 OTHER INFORMATION

 = Indicates information that has changed since previous revision.

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