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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 Lithographic Ink

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT NAME:	Cranfield Traditional Lithographic Ink
OTHER NAMES:	Litho Ink Lithography 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>If used adequately, according 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.</p> <p>EUH208 – May Contain Hydroquinone. May produce an allergic skin reaction EUH066 - Repeated exposure may cause skin dryness or cracking.</p> <p>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.</p>	
MANUFACTURER'S CODE:	BKC 1415, BKC 1591, YLC 9579, YLC 9580, ORC 5335, RDC 62169, RDC 61095, RDC 61097, RDC 62114, VLC 7491, VLC 7777, BLC 22558, BLC 22557, BLC 21235, BLC 22227, GRC4810, YLC 91776, BRC 32274, BRC 32275, BRC 32277, BRC 32276, BRC 32280
UN NUMBER:	N/A
DANGEROUS GOODS CLASS AND SUBSIDIARY RISK:	N/A
HAZCHEM CODE:	N/A
POISONS SCHEDULE NUMBER:	N/A
PACKAGING GROUP:	N/A
HAZARD CATEGORY:	N/A
CLASS:	N/A

3. COMPOSITION / INFORMATION ON INGREDIENTS

Organic and/or Inorganic Pigment preparations in Linseed Oil

4. 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. 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. In case of accidental eye contact, avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of the eyes. 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

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	
HANDLING:	<p>Keep the container tightly closed. Exclude sources of heat, sparks and open flame.</p> <p>Avoid skin and eye contact. Avoid inhalation of vapour and spray mist.</p> <p>Ingestion: Smoking, eating and drinking should be prohibited in areas of storage and use.</p> <p>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.</p>
STORAGE:	<p>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.</p> <p>Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be stored in purpose-built containers or in metal containers with tight-fitting, self-closing lids. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.</p>

8. EXPOSURE CONTROL AND PERSONAL PROTECTION	
ENGINEERING MEASURES:	Provide adequate ventilation especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.
<i>PERSONAL PROTECTION</i>	
RESPIRATORY PROTECTION:	Not necessary under normal working conditions.
HAND PROTECTION:	<p>When skin exposure may occur wear gloves. Seek advice from gloves suppliers on appropriate types.</p> <p>Barrier creams may help to protect exposed areas of the skin. They should not be applied once exposure has occurred.</p>
EYE PROTECTION:	Eye protection designed to protect against liquid splashes should be worn.
SKIN PROTECTION:	<p>Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.</p> <p>Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.</p> <p>Personnel should wear antistatic clothing made of natural fibres or of high- temperature-resistant synthetic fibres.</p>

9. PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE:	White and coloured pastes with linseed oil odour
FLASH POINT:	> 142°C (not flammable)
BOILING POINT:	> 240°C
VAPOUR PRESSURE:	N/A
VAPOUR DENSITY:	N/A

9. PHYSICAL AND CHEMICAL PROPERTIES	
SPECIFIC GRAVITY:	1
SOLUBILITY IN WATER:	Insoluble
MELTING POINT:	N/A
VOC CONTENT	Trace amounts < 3% (< 30g/L)

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. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
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. 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 application.