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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 Letterpress Ink

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT NAME:	Cranfield Traditional Letterpress Ink
OTHER NAMES:	Oil Based Ink Relief Ink
APPLICATION OF SUBSTANCE:	Printing ink. Professional Users Only.
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	
Classification according to EU Regulation (EC) No. 1907/2006 (REACH) Aquatic Chronic 3, H412 AQUATIC TOXICITY (CHRONIC) - Category 3 H 412 Harmful to aquatic life with long lasting effects - EUH066 Repeated exposure may cause skin dryness or cracking. (CLP/GHS)	
MANUFACTURER'S CODE:	BKC 1826, BKC 1828, BKC 1829, BKC 1830, BKC 1831, BKC 1832
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

Coloured Pigments dispersed into linseed oil

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

4. FIRST AID MEASURES

GENERAL:	<p>In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.</p> <p>No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.</p> <p>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p>
INHALATION:	<p>Remove to fresh air. Keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth.</p> <p>If unconscious, place in the recovery position and seek medical advice.</p>
EYE CONTACT:	<p>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.</p> <p>Splashes in the eyes may cause irritation and reversible local damage.</p>
SKIN CONTACT:	<p>Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.</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.</p>
INGESTION:	<p>If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.</p>

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Use dry chemical, CO ₂ , water spray (fog) or foam.
DO NOT USE:	Water jet
DEGREE OF FIRE RISK:	Low
RECOMMENDATIONS:	<p>Fire will produce dense black smoke. Decomposition products may be a hazard to health and may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.</p> <p>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.</p>

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:

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 5-35°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.

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.

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.

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:

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.

Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Personnel should wear antistatic clothing made of natural fibres or of high- temperature-resistant synthetic fibres.

9. PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE:	Black paste
FLASH POINT:	> 100°C
BOILING POINT:	> 218°C
AUTO IGNITION POINT:	> 342.85°C (Linseed oil)
VAPOUR PRESSURE:	N/A
VAPOUR DENSITY:	N/A
SPECIFIC GRAVITY:	1
SOLUBILITY IN WATER:	N/A
MELTING POINT:	N/A

10. STABILITY AND REACTIVITY
<p>No reactivity hazards known. Stable under normal conditions of use.</p> <p>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.</p>

11. TOXICOLOGICAL INFORMATION
<p>There is no data available on the product itself.</p> <p>Aquatic Chronic 3, H412 AQUATIC TOXICITY (CHRONIC) - Category 3 Harmful to aquatic life with long lasting effects.</p>

12. ECOLOGICAL INFORMATION
<p>Bioaccumulative potential: high 2,6-di-tert-butyl-p-cresol, 5.1</p>

13. DISPOSAL CONSIDERATIONS
<p>This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Wastes and emptied containers should be disposed of in accordance with local regulations.</p>

14. TRANSPORT INFORMATION
<p>The product is not regulated for transport.</p>

15. REGULATORY INFORMATION
<p>The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.</p>

16. OTHER INFORMATION

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.