

Product Name : **Caligo Safe Wash Etching Inks**

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1. IDENTIFICATION OF THE PREPARATION AND COMPANY UNDERTAKING

1.1 Identification Caligo Safe Wash ETCHING Inks
1.2 Intended use Printing inks
1.3 Address of Supplier Cranfield Colours Ltd
 45-47 Springvale Industrial Estate
 Cwmbran NP44 5BB Wales UK
1.4 Emergency Phone Number (Office Hours Only) 00 44 (0)1633 861421

2. HAZARD IDENTIFICATION

This preparation does not require classification and labelling as hazardous or dangerous according to EEC directive 99/45/EEC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

A preparation of Linseed Oil and Pigment

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. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, 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.

5. FIRE FIGHTING MEASURES

Extinguishing media Recommended : alcohol resistant foam, CO₂, powder.
 Not to be used : water jet.
 Degree of Risk of fire – LOW (Flash point > 100 °C)
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. Refer to protective measures listed in Section 7 and 8. Contain and collect spillage's 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 (see Section 13). Do not allow to enter drains or water courses.
 Clean preferably with a detergent ; avoid the use of solvents.
 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.

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. 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. Follow the rules of labour protection.
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.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Engineering Measures**

Provide adequate ventilation especially in confined areas.

Personal Protection:**Respiratory protection**

Not applicable.

Hand protection

When skin exposure may occur, 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 personnel

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Coloured Paste
Flash point	: > 100 °C
Boiling point	: > 240 °C
Viscosity	: n.d.a.
Specific gravity	: + 1
Vapour density	: n.d.a.
Solubility in water	: emulsifiable

10. STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions. (See Section 7). When exposed to high temperatures, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself.
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.

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 by the regulations of transport.

15. REGULATORY INFORMATION

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.

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 particular application