

1. Identification of the substance/preparation and of the company/undertaking

Product name:	Lawrence Stay Open Relief Inks
Stock codes:	1000, 1010, 1020, 1030, 1040, 1052, 1060, 1068, 1070
Relevant identified uses of the substance or mixture:	Relief or lithography printing
Company name:	Lawrence Art Supplies 36 Kingsthorpe Road Hove BN3 5HR
Tel:	01273 260260
Fax:	01273 260270
Email:	artbox@lawrence.co.uk
Emergency Number:	Mon - Thurs 9am-5pm, Fri 9am - 4pm (not a poison centre) 01273 260260

2. Hazards 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 of the substance or mixture

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

2.2. Label elements:

EUH208 – Contains Hydroquinone and Manganese octoate. May produce an allergic skin reaction

EUH066 - Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

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.

3. Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Organic and/or Inorganic Pigment preparations in Linseed Oil

4. First aid measures

4.1. Description of first aid measures

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

<u>Inhalation</u>	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.
<u>Ingestion</u>	If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.
<u>Skin content</u>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.
<u>Eye contact</u>	Irrigate copiously with clean, fresh water for at least 15 minutes, and seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

None expected under normal handling and usage

<u>Inhalation</u>	None expected under normal handling and usage
<u>Ingestion</u>	None expected under normal handling and usage
<u>Contact with Skin</u>	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
<u>Contact with Eyes</u>	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

Treatment: No specific measures noted

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 the substance or mixture

Degree of Risk of fire – LOW (Flash point > 142 °C)

5.3. Advice for fire-fighters

No one other than trained fire fighters should attempt to fight fires. 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

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

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, including any incompatibilities

Observe the label precautions. Store between 4 and 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.

8. Exposure controls/personal protection

8.1. Control parameters

None determined.

8.2 Exposure controls:

Provide adequate ventilation especially in confined areas.

Personal protective equipment

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.

Body protection: Protection clothing should be worn by the user.

8.3 General safety and Hygiene measures:

Smoking, eating and drinking should be prohibited in areas of storage and use.

9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	White and coloured paste
Colour	Varied
Odour	Linseed oil
Flash point	>142°C (Not flammable)
Boiling point (°C)	> 240 °C
Viscosity	No data available
Specific Gravity	+1
Vapour density	No data available
Solubility in water	Not soluble
VOC Content	Trace amounts <3%(<30g/L)

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

11. Toxicological information

11.1 Information on toxicological effects

There is no data available on the product itself.

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.

13. Disposal considerations

13.1. Waste treatment methods

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

14. Transport information

14.1. UN Number

Not assigned

14.2. UN proper shipping name

Not assigned

14.3. Transport hazard class(es)

Not assigned

14.4. Packing group

Not assigned

The product is not regulated for transport.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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)

15.2. Chemical safety assessment

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

16. Other information

Disclaimer: 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