



Revision Date 16/03/15

Revision 2

SYLUB INK AND CATALYST SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

1. Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name **Sylub Ink / Catalyst**
Product No. **E5-XXXXX**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses **Clear Or Pigmented ink for printing onto silicone rubber**

1.3. Details of the supplier of the safety data sheet

Silicone Inks Limited
Unit 11 Meadow Lane Ind. Est.
Gordon Road
Loughborough
Leicestershire
LE11 1JP
01509 323 737
www.siliconeinks.com
sales@siliconeinks.com

1.4. Emergency telephone number

01509 323 737

2. Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Contains no dangerous substance according to GHS - Labelling Regulation (EC) No. 1272/2008

2.2. Label elements

Contains : **Not a hazardous substance or mixture according to EC directives 67/548/EEC or 1999/45/EC.
The product does not need to be labelled in accordance with EC directives or respective national laws.**

2.3. Other hazards

Causes mild irritation to the eyes.

3. Section 3: Composition / information on ingredients

3.1. Substances

Mixture of polydimethylsiloxane liquid with pigments and with platinum catalyst
polydimethylsiloxane liquid containing vinyl and hydrogen groups

4. Section 4: First-Aid measures

4.1. Description of first aid measures

General Information

In all cases of doubt or where symptoms persist, seek medical attention.

Inhalation.

Not Known

Ingestion

Rinse mouth. Get medical attention immediately.

Skin Contact

Remove contaminated clothes and rinse skin thoroughly with soap and rinse with plenty water.

Eye Contact

Immediately flush with plenty of water. Get medical attention if symptoms occur after washing.

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

N/A

4.3. Indication of any immediate medical attention and special treatment needed**5. Section 5: Fire-Fighting measures****5.1. Extinguishing media**

Extinguishing Media

Extinguish with foam, carbon dioxide or dry powder. Water spray, fog or mist.

5.2. Special hazards arising from the substance or mixture

Do not release chemically contaminated water into drains, soil or surface water. Sufficient measures must be taken to retain water used for extinguishing.

Dispose of contaminated water and soil according to local regulations.

5.3. Advice for firefighters**Special Fire Fighting Procedures**

Keep run-off water out of sewers and water sources. Dike for water control.

Protective Measures In Fire

Wear self contained breathing apparatus if exposure likely.

6. Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Do not ingest or breathe in, Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Prevent contamination of soil, drains and surface waters.

6.3. Methods and material for containment and cleaning up

Exclude nonessential personnel. Refer to protective measures listed in Sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials eg. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see Section 13.)

Do not allow to enter 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 or in the case of contamination of streams, rivers or lakes the National Rivers Authority,

6.4. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Section 7: Handling and storage**7.1. Precautions for safe handling**

Avoid skin and eye contact. Smoking, eating and drinking should be prohibited in areas of storage and use.

For personal protection see Section 8. Unless the container is specifically designed, never use pressure to empty it is not a pressure vessel.

Always keep in containers made of the same material as the supply container. Do not use galvanised containers.

Food housekeeping standards are essential to avoid the exposure of all personnel to unreacted materials.

The manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the containers when carrying out assessments

7.2. Conditions for safe storage, including any incompatibilities

Store between 5 °C and 25 °C in a dry, well ventilated place. Keep away from sources of heat, ignition and direct sunlight.

Containers which are opened should be properly resealed and kept upright to prevent leakage.

8. Section 8: Exposure controls / Personal protection**8.1. Control parameters**

No registered mixture with WEL.

Protective Equipment**Engineering Measures**

Provide adequate ventilation, Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction,

Individual personal protection :

All ppe including those used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

Respiratory Equipment

Not Known

Hand Protection

Where skin exposure may occur advice should be sought from glove suppliers for appropriate types.

Barrier creams may help to protect exposed area of the skin but are not substitutes for full physical protection.

They should not be applied once exposure has occurred.

Eye Protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other Protection

Use barrier creams to prevent skin contact. Provide eyewash station. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene Measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated.

Promptly remove any clothing that becomes wet or contaminated. Eating, smoking and water fountains prohibited in immediate work area.

9. Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Coloured Liquid
Colour	Various colours
Odour	Faint Odour
Solubility	Insoluble in water
Initial Boiling Point and Boiling range	>260 °C
Melting Point (°C)	
Viscosity	
Flash Point (°C) Closed Cup	121°C (TOC)
Ignition Temperature (°C)	>270

9.2. Other information**10. Section 10: Stability and reactivity****10.1. Reactivity**

Stable under normal conditions and recommended use.

10.2. Chemical stability

This product is stable

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur

10.4. Conditions to avoid

No specific data.

10.5. Incompatible materials

Materials To Avoid

Acids, strong oxidising agents, strong alkalis.

10.6. Hazardous decomposition products

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

11. Section 11: Toxicological information

11.1. Information on toxicological effects

General Information

There is no data available on the product itself. It is formulated within the Printing Advisory Committee guidelines and the BCF guidelines on materials for Exclusion from printing inks and varnishes. Experience has shown that the above mentioned product can be used without any danger to health as long as the usual conditions of industrial hygiene are observed.

Inhalation

No known significant effects or critical hazards

Ingestion

No known significant effects or critical hazards

Skin Contact

No known significant effects or critical hazards

Eye Contact

No known significant effects or critical hazards

12. Section 12: Ecological information

General Information

There is no data available on the product itself. Product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

13. Section 13: Disposal considerations

General Information

Dispose of in accordance with Local Authority requirements.

13.1. Waste treatment methods

Can be taken to an appropriate incinerator equipped with exhaust gas cleaning.

14. Section 14: Transport information

14.1 UN number

Not applicable

14.2 UN Proper shipping name

Proper Shipping Name Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5. Environmental hazards

Ecotoxicological data not available

14.6. Special precautions for user

Refer to section 8

15. Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not a hazardous substance or preparation according to EC directives 67/S49/EEC or L999/45/EC
The product does not need to be labelled in accordance with EC directives or respective national laws.

16. Section 16: Other information**REACH Status**

The substance(s) in this product has (have) been Pre-Registered and/or Registered, or are exempted from registration, according to Regulation (EC) No. 1907/2006 (REACH).

General Information

Only trained personnel should use this material.

Supersedes	Refsyl12/03/16
SDS No.	E5-00
Safety Data Sheet Status	Approved
Date	22/11/16

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for his own particular use.