

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation of the mixture Conventional Sheetfed Sealer and Inks

Registration number Mixture

Synonyms Mixture of oils and additives

Product code I4011

Issue date 4 January-2016

Version number 01

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

Identified uses Lithographic sealant for industrial applications.

Uses advised against This product should only be used for the use described above.

1.3. Details of the supplier of the safety data sheet

Company name Lyme Bay Press Ltd

Address Hemington, New Road
Wootton bridge, Ryde PO33 4JL

Telephone 01983 472090

e-mail info@lymebaypress.com

Website www.lymebaypress.com

1.4 Emergency tel. No. 0773 847 8666

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Classification R66

The full text for all R-phrases is displayed in section 16.

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary

Physical hazards Not classified for physical hazards.

Health hazards Repeated exposure may cause skin dryness or cracking.

Environmental hazards Not classified for hazards to the environment.

Specific hazards None known.

Main symptoms Not available.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms None.

Signal word None.

Hazard statements The mixture does not meet the criteria for classification.

Precautionary statements

Prevention Not required

Response	Not required
Storage	Not required
Disposal	Not required
Supplemental label information	EUH066 - Repeated exposure may cause skin dryness or cracking.
2.3. Other hazards	None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
---------------	---	------------------	------------------------	-----------	-------

Petroleum distillate	10 - 30	N/A 920-360-0	01-2119448343-41-xxxx	-	
----------------------	---------	------------------	-----------------------	---	--

Classification:	DSD: Xn;R65, R66
	CLP: Asp. Tox. 1;H304

70 - 90 %

Other components below reportable levels

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

Composition comments	The full text for all R- and H-phrases is displayed in section 16.
----------------------	--

SECTION 4: First aid measures

General information

IF exposed or concerned: Get medical advice/attention.
Wash contaminated clothing before reuse.

4.1. Description of first aid measures

Inhalation	Move the person from the contaminated area to fresh air Call a physician if symptoms develop or persist. Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Take off immediately all contaminated clothing. Wash the skin immediately with soap and water. Do not use solvents to remove product residues from skin.
Eye contact	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if irritation persists after washing.
Ingestion	Rinse mouth thoroughly. Do not induce vomiting. If ingestion of a large amount does occur, call a poison control centre immediately.

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

May cause allergic skin reaction. Defatting of the skin. Irritant effects.

4.3. Indication of any immediate medical attention and special treatment needed

Keep victim under observation.
Treat symptomatically.

SECTION 5. Fire Fighting Measures

General fire hazards

Combustible. No unusual fire or explosion hazards noted

5.1 Extinguishing Media:

Suitable extinguishing media

Foam, CO2, Powders

Unsuitable extinguishing Media

Do not use water jet, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

No unusual fire or explosion hazards noted. By heating and fire, harmful vapours/gases may be formed.

Fire will produce dense black smoke containing hazardous combustion products (see section 10).

5.3 Special instructions for Fire Fighting personnel:

Wear self-contained breathing apparatus and protective clothing.

Special fire fighting procedures

In case of fire and/or explosion do not breathe fumes.

Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved.

Specific methods

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move container from fire area if it can be done without risk.

Use water spray to cool unopened containers.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep unnecessary personnel away. For personal protection, see section 8.

Ventilate closed spaces before entering them.

For emergency responders

Keep unnecessary personnel away.

Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

Avoid discharge into drains, water courses or onto the ground.

Contact local authorities in case of spillage to drain/aquatic environment.

6.3. Methods and material for containment and cleaning up

The product is immiscible with water and will spread on the water surface. Stop the flow of material, if this is without risk. Following product recovery, flush area with water. Clean with detergents. Avoid solvents.

Never return spills to original containers for re-use.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid prolonged and repeated contact.

When using, do not eat, drink or smoke. Use only in well-ventilated areas.

Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Store this product in air-tight containers away from sources of heat and light.

Store in original tightly closed container. Keep containers tightly closed in a cool, well-ventilated place.

Store away from incompatible materials (see Section 10 of the SDS). Keep away from oxidising agents, strong acids and alkalis.

7.3. Specific end use(s)

The specified uses for this material are shown in section 1 of this document

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures

Follow standard monitoring procedures.

Derived no-effect level (DNEL) Not available.

Predicted no effect concentrations (PNECs) Not available.

8.2. Exposure controls

Appropriate engineering controls Provide adequate general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment

General information Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Eye wash fountain is recommended.

Keep working clothes separately.

Launder contaminated clothing before reuse.

Eye/face protection Wear safety glasses with side shields (or goggles). (EN166)

Skin protection

- Hand protection Wear appropriate chemical resistant gloves. Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves.

- Other Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Not applicable.

Hygiene measures When using, do not eat, drink or smoke.
Wash hands after handling and before eating.
Launder contaminated clothing before reuse.

Environmental exposure controls Avoid release to the environment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid
Physical state	Liquid.
Form	Viscous.
Colour	light brown
Odour	Hydrocarbon-like.
Odour threshold	Not applicable
pH	Not applicable
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	> 200 °C (> 392 °F)
Flash point	> 155.0 °C (> 311.0 °F)
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not applicable
Flammability limit - upper (%)	Not applicable
Vapour pressure	> 0.01 kPa @ 20C
Vapour density	Not applicable

Relative density	Not available.
Solubility(ies)	
Solubility (water)	Insoluble
Solubility (other)	Not available.
Auto-ignition temperature	> 200 °C (> 392 °F)
Decomposition temperature	Not applicable
Viscosity	Not applicable
Explosive properties	Not applicable
Oxidizing properties	Not applicable
9.2. Other information	No relevant additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	Material is stable under normal conditions.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	Hazardous polymerisation does not occur.
10.4. Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials. Contaminated rags and cloths must be put in fireproof containers for disposal.
10.5 Incompatible materials	Avoid contact with oxidising agents (e.g. nitric acid, peroxides and chromates). Avoid contact with acids and alkalies.
10.6 Hazardous decomposition	Thermal decomposition can lead to release of irritating gases and vapours : carbon oxides,
Products	NOx

SECTION 11: Toxicological information

General information	There is no toxicological data available on the preparation itself. Incomplete toxicological data are available for this product. May cause sensitisation by skin contact.
Information on likely routes of exposure	
Inhalation	Not available.
Skin contact	Not available.
Eye contact	Not available.
Ingestion	Not available.
Symptoms	Possible irritant effects. Skin contact may provoke the following symptoms: Defatting of the skin. Sensitisation

11.1. Information on toxicological effects

Components	Species	Test Result
Petroleum distillate (CAS N/A)		
Acute		
<i>Dermal</i>		
LD50	Rat	> 1700 mg/kg bw similar substance
<i>Inhalation</i>		
LC50	Rat	> 5.28 mg/l, 4 hours similar substance
<i>Oral</i>		
LD50	Rat	> 4150 mg/kg bw similar substance

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Due to partial or complete lack of data the classification is not possible.
Serious eye damage/eye irritation	This product may cause slight irritation to the eyes. Due to partial or complete lack of data the classification is not possible.
Respiratory sensitisation	Due to partial or complete lack of data the classification is not possible.
Skin sensitisation	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Contains a potential skin sensitizer. Due to partial or complete lack of data the classification is not possible.
Germ cell mutagenicity	Due to partial or complete lack of data the classification is not possible.
Carcinogenicity	Due to partial or complete lack of data the classification is not possible.
Reproductive toxicity	Due to partial or complete lack of data the classification is not possible.
Specific target organ toxicity - single exposure	Due to partial or complete lack of data the classification is not possible.
Specific target organ toxicity - repeated exposure	Due to partial or complete lack of data the classification is not possible.
Aspiration hazard	Due to partial or complete lack of data the classification is not possible.
Mixture versus substance information	No information available.
Other information	This product has no known adverse effect on human health.

SECTION 12: Ecological information

12.1. Toxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
----------------	--

Components	Species	Test results
Petroleum distillate (CAS N/A)		
Aquatic		
Algae		
Crustacea		
Fish		
	EL50	Algae
	EL0	Daphnia
	LL0	Rainbow trout, donaldson trout (Oncorhynchus mykiss)
		Danio (Danio)
	LL50	
		>= 1000 mg/l, 72 hours Growth rate
		>= 1000 mg/l, 48 hours Mobility
		>= 1000 mg/l, 96 hours semi-static
		> 5000 mg/l, 21 day semi-static

* Estimates for product may be based on additional component data not shown.

12.2. Persistence and degradability No data is available on the degradability of this product.

12.3. Bioaccumulative potential No data available.
Partition coefficient Not available.
n-octanol/water (log Kow)

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment Not available.

12.6. Other adverse effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Do not discharge into drains, water courses or onto the ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Avoid discharge into water courses or onto the ground. Material should be recycled if possible.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Where possible recycling is preferred to disposal or incineration.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not discharge into drains, water courses or onto the ground.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I

Not listed.

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry

Not listed.

Regulation (EC) No. 1907/2006, Article 59(1). Candidate List

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use

Not regulated.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Not listed.

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Not regulated.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding.

Not regulated.

Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances

Not regulated.

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Always applicable.

Directive 94/33/EC on the protection of young people at work

Not listed.

Other regulations

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

The product is classified and labelled in accordance with EC directives or respective national laws.

National regulations

Follow national regulation for work with chemical agents.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

SECTION 16: Other information

List of abbreviations Not available.

References Not available.

Information on evaluation method leading to the classification of mixture The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements or R-phrases and H-statements under Sections 2 to 15

R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
H304 May be fatal if swallowed and enters airways.

Revision information	None.
Training information	Read safety instructions, SDS and emergency procedures before handling. Follow training instructions when handling this material.
Disclaimer	<p>The information in the sheet was written based on the best knowledge and experience currently available.</p> <p>MANUFACTURER DISCLAIMER: The information given within this SDS is correct to the best of our knowledge, information and belief at the date of its revision and publication. However, the manufacturer makes no representation, warranty or guarantee as to its accuracy, reliability or completeness, nor assumes any liability for its use. It is the user's responsibility to confirm in advance that the information is current, applicable and suitable to their circumstances for each particular use. No representative of ours has authority to waive this provision. Please call for document accuracy if the revision date has exceeded 3 years.</p>
Other information	The product is formulated in accordance with the Exclusion List for Printing Inks and Related Products.