# FloPlast building the future

# **SAFETY DATA SHEET** SILICON LUBRICANT SPRAY SL40 according to 1907/2006/EC, Article 31

# SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND OF THE COMPANY/UNDERTAKING

# **1.1 PRODUCT IDENTIFIER**

PRODUCT FORM: PRODUCT NAME PRODUCT TYPE: OTHER MEANS OF INDENTIFICATION:

Mixture SL40 Silicon Lubricant is a pure silicone Oil lubricant spray for jointing plastic pipes. UFI: WV9H-N3MR-7X0R-787A

# 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

**1.2.1 RELEVANT IDENTIFIED USES** MAIN USE: USE OF THE SUBSTANCE /MIXTURE:

Professional use, Industrial use.

Silicone lubricant is suited to lubricating is a suited to lubricating 'O' rings and pipe joints during assembly.

1.2.2 USES ADVISED AGAINTS

No additional uses

# **1.3 DETAILS OF THE SUPPLIER**

SUPPLIER FloPlast Ltd. CASTLE ROAD EUROLINK BUSINESS PARK SITTINGBOURNE KENT ME10 3FP 01795 431731 technical@floplast.co.uk

MANUFACTURED FOR Delf (UK) Ltd

FloPlast Ltd BY:

**UNIT 2 HICKMANS ROAD** BIRKENHEAD WIRRAL CH41 1JH 0151 680 0406

#### **1.4 EMERGENCY TELEPHONE NUMBER**

EMERGENCY TELE:	01795 431731 (08:00HRS – 17:30Hrs)
FOR HEALTHCAARE PROFFESIONALS:	National Poisons Information Service (Birmingham Centre) City Hospital, Dudley
	Road B18 7QH Birmingham
	Telephone No: 0344 892 0111

#### **SECTION 2: HAZARD IDENTIFICATION**

# 2.1 CLASIFICATION OF SUBSTANCES OR MIXTURE

Classification According to Regulation (EC) No. 1272/2008 [CLP]

Pressurised container:

May burst if heated, Aerosol 3. Category 3 H229

Full text of H- and EUH-statements: See section 16.

# **2.2 LABEL ELEMENTS**

Labelling According to Regulation (EC) No. 1272/2008 [CLP] Warning.

Single Word (CLP):

Hazard Statement (CLP):

H229 – Pressurised container: Mat burst if heated.

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P251 – Do not pierce or burn, even after use.

P261 - Avoid breathing dust/fumes/gas/mist/vapours/spray.

P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P314 – Get medical advice /attention if you feel unwell.

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50° C/122° F.

P501 – Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

# 2.3 OHER HAZARDS

Contains no PBT/vPvB Substances > 0.1% assessed in accordance with REAC Annex XIII

The mixture does not contain substances(s) included in the list established in accordance with Article 59 (1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulations (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# 3.1 SUBSTANCES

Silicone oil propelled by compressed gas.

#### 3.2 MIXTURES

The mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

# SECTION 4: FIRST AID MEASURES

# **4.1 DESCRIPTION OF FIRST AID MEASURES**

After inhalation:	Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
After ingestion:	Rinse mouth out with water. Do not induce vomiting. Get medical advice/attention if you feel unwell.
After skin contact:	Wash affected area with plenty of soap and water. If irritation or rash occurs. Seek medical attention.
After eye contact:	Immediately irrigate the eye with plenty of water or eye-wash solution for 10 minutes. If irritation persists, seek medical attention.

#### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACCUTE AND DELAYED

May cause respiratory irritation.
Possible mild transient irritation of skin.
May cause eye irritation.
May cause irritation and nausea.
None known.

#### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

# SECTION 5: FIRE FIGHTING MEASURES

# 5.1 EXTINGUISHING MEDIA

Suitable extinguishing media:

Extinguish with the following media: Water spray, fog mist. Carbon dioxide (CO2). Alcohol resistant foam.

# 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Fire Hazard:	None flammable.
Explosion Hazard:	Pressurised container. May burst if heated.
Reactivity in case of fire:	Toxic fumes may be released.
Hazardous decomposition in case of fire:	Toxic fumes may be released.

5.2 ADVICE FOR FIRE FIGHTERS	
Precautionary measures fire:	Use respirator when performing operations involving potential exposure to vapour of the product. Eliminate all ignition sources if safe to do so. Evacuate area. Keep container tightly. closed and away from heat, sparks, and flame.
Firefighting instructions:	Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and water courses. If risk of water pollution occurs, notify appropriate authorities.
Protection during firefighting:	Use self-contained breathing apparatus and chemically. protective clothing

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### **General measures:**

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Provide adequate ventilation.

#### 6.1.1 FOR NON-EMERGENCY PERSONNEL

No additional information available.

#### 6.1.2 FOR EMERGENCY RESPONDERS

**Protective equipment:** 

#### **6.2 ENVIRONMENTAL PRECAUTIONS**

For further information refer to section 8: "Exposure controls/personal protection".

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

#### 6.3 MEATHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

For containment:	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up:	Collect spillage.
Other information:	Small Spillages: Flush area to drain with plenty of water. Large Spillages: Where possible, transfer to a container for reuse or disposal (see Disposal Considerations Section 13). Contain and absorb using earth, sand, or other inert material.

#### Flush area to drain with plenty of water. Treat as industrial waste.

# **6.4 REFERENCE TO OTHER SECTIONS**

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

#### SECTION 7: HANDLING AND STORAGE

#### 7.1 PRECAUTIONS OF SAFE HANDLING

Additional hazards when processed:	Avoid contact with eyes. Avoid inhalation of vapours. Eliminate all sources of ignition.
Precautions for safe handling:	Avoid contact with skin and eyes.
7.2 CONDITIONS FOR SAFE STORAGE, INCLUD	NG ANY INCOMPTABILITIES
Technical measures:	Keep in a cool, well-ventilated place away from heat.
Storage conditions:	Keep only in the original container in a cool, well-ventilated place away from heat sources & direct sunlight.
Incompatible products:	Oxidizing agent. Strong acids.
7.3 SPECIFIC END USE(S)	

The identified uses for this product are detailed in Section 1.2.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **8.1 CONTROL PARAMETERS**

#### 8.1.1 National Occupational Exposure and Biological Limits Values

No additional information available.

#### 8.1.2 Recommended Monitoring Procedures

No additional information available.

#### 8.1.3 Air Contaminants Formed

No additional information available.

#### 8.1.4 DNEL and PNEC

No additional information available.

#### 8.1.5 Control Banding

No additional information available.

# **8.2 EXPOSURE CONTROLS**

#### 8.2.1 Appropriate Engineering Controls:

Ensure that there is a suitable ventilation system.

#### 8.2.2 Personal Protective Equipment:

Personal protective equipment symbol(s):



# 8.2.2.1 Eye and Face Protection:

Eye protection:

Safety glasses (EN 166)

#### 8.2.2.2 Skin Protection:

Skin and body protection:

Hand protection:

Protective clothing (EN 14605 or EN 13034)

Protective gloves against chemicals (EN 374) Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Protective gloves should be replaced at first signs of wear.

#### 8.2.2.3 Respiratory Protection:

No additional information available.

#### 8.2.2.4 Thermal Hazards:

No additional information available.

#### 8.2.3 Environmental:

No additional information available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Colour: Appearance: Odour: Odour threshold: Melting point: Freezing point: Flammability: Explosive properties: Explosive limits: Lower explosion limit: Upper explosion limit: Liquid Colourless. Clear, colorless liquid. No perceptible odour. Not Available. Not available. Not available. Not available. Pressurised container: May burst if heated. Not available. Not available. Not available. Not available. Not available. Flash point: Auto-ignition temperature: Decomposition temperature: pH: Viscosity, kinematic: Viscosity, dynamic: Solubility: Partition coefficient n-octanol/water (Log Kow): Vapour pressure: Vapour pressure at 50 °C: Density: Relative density: Relative vapour density at 20 °C: Particle characteristics: Not available. Not Available. Not Available. 10 - 11 Not available. > 0 ( $\geq$  0) cP Soluble in water. Not available. Not available. Not available. 0.986 - 0.974 Not available. Not available. Not available.

SDS NO: 015

# **9.2 OTHER INFORMATION**

9.2.1 Information with Regards to Physical Hazard Classes

No additional information available.

# 9.2.2 Other Information Available

Relative evaporation rate (butylacetate=1):Not AvailableRelative evaporation rate (ether=1):Not Available

# SECTION 10: STABILITY AND REACTIVITY

#### **10.1 REACTIVITY**

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2 CHEMICAL STABILITY

Stable under normal conditions of use.

# **10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

No additional information available.

#### **10.4 CONDITIONS TO AVOID**

Extremely high or low temperatures.

#### **10.5 INCOMPATIBLE MATERIALS**

Strong acids. Strong oxidising agents.

#### **10.6 HAZARDDOUS DECOMPOSITION PRODUCTS**

Carbon monoxide. Carbon dioxide..

#### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 INFORMATION ON HAZARDS CLASSES AS DEFINED IN REGULATION (EC) No. 1272/2008

Not classified. Not classified.

Acute toxicity (oral):
Acute toxicity (dermal):
Acute toxicity (inhalation):
Skin corrosion/irritation:
Serious eye damage/irritation:
Respiratory or skin sensitisation:
Germ cell mutagenicity:
Carcinogenicity:
Reproductive toxicity:
STOT-single exposure:
STOT-repeated exposure:
Aspiration hazard:

# **11.2 INFORMATION ON OTHER HAZARDS**

#### **11.2.1 Endocrine Disrupting Properties**

No data available.

#### **11.2.2 Other Information**

Potential adverse human health effects and symptoms: Toxicokinetics, metabolism and distribution: Experience with humans:

No data available. No data available. No data available. Not classified.

Not classified.

#### **12.1 TOXICITY**

Ecology - general:

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.

Hazardous to the aquatic environment, short term (acute): Hazardous to the aquatic environment, long term (chronic): Not rapidly degradable

12.2 PERSISTENCE AND DEGRADABILITY

No additional information available.

**12.3 BIOACCUMULATIVE POTENTIAL** 

No additional information available.

#### 2.4 MOBILITY IN SOIL

No additional information available.

#### 12.5 RESULTS OF PBT and vPvB ASSESSMENT

Contains no PBT/vPvB substance >0.1% assessed in accordance with REACH Annex XIII.

#### **12.6 ENDOCRINE DISRUPTING PROPERTIES**

No additional information available.

#### **12.7 OTHER ADVERSE PROPERTIES**

No additional information available.

#### SECTION 13: DISPOSAL CONSIDERATIONS

#### **13.1 WASTE TREATMENT METHODS**

Regional legislation (waste:	Disposal must be done according to official regulations.
Waste treatment methods:	Dispose of contents/container in accordance with licensed collectors sorting instructions.
Sewage disposal recommendations: Product/Packaging disposal recommendations:	Disposal must be done according to official regulations. Do not pierce or burn, even after use. Dispose in a safe manner in accordance with local/national regulations.

UN 3500

UN 3500

UN 3500

UN 3500

UN 3500

#### SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / IMDG / IATA / AND / RID

#### 14.1 UN NUMBER or ID Number

UN-No. (ADR): UN-No. (IMDG): UN-No. (IATA): UN-No. (ADN): UN-No. (RID):

#### **14.2. UN PROPER SHIPPING NAME**

Proper Shipping Name (ADR) CHEMICAL UNDER PRESSURE, N.O.S. ((CONTAINS POLYDIMETHYLSILOXANE)) CHEMICAL UNDER PRESSURE, N.O.S. ((CONTAINS Proper Shipping Name (IMDG): POLYDIMETHYLSILOXANE)) Proper Shipping Name (IATA): Chemical under pressure, n.o.s. ((CONTAINS POLYDIMETHYLSILOXANE)) CHEMICAL UNDER PRESSURE, N.O.S. ((CONTAINS Proper Shipping Name (ADN): POLYDIMETHYLSILOXANE)) Proper Shipping Name (RID): CHEMICAL UNDER PRESSURE, N.O.S. ((CONTAINS POLYDIMETHYLSILOXANE)) UN 3500 CHEMICAL UNDER PRESSURE, N.O.S. ((CONTAINS Transport document description (ADR): POLYDIMETHYLSILOXANE)), 2.2, (C/E) UN 3500 CHEMICAL UNDER PRESSURE, N.O.S. ((CONTAINS Transport document description (IMDG): POLYDIMETHYLSILOXANE)), 2.2 Transport document description (IATA): UN 3500 Chemical under pressure, n.o.s. ((CONTAINS POLYDIMETHYLSILOXANE)), 2.2 Transport document description (ADN): UN 3500 CHEMICAL UNDER PRESSURE, N.O.S. ((CONTAINS POLYDIMETHYLSILOXANE)), 2.2

Transport document description (RID):

UN 3500 CHEMICAL UNDER PRESSURE, N.O.S. ((CONTAINS

# POLYDIMETHYLSILOXANE)), 2.2

# 14.3 TRANSPORT HAZARD CLASSES ADR

Transport hazard class(es) (ADR): Danger labels (ADR):



IMDG

Transport hazard class(es) (IMDG):
Danger labels (IMDG):



2.2

2.2

2.2

2.2

2.2

IATA

Transport hazard class(es) (IATA): Danger labels (IATA):

ADN

Transport hazard class(es) (ADN): Danger labels (ADN):

RID

Transport hazard class(es) (RID): Danger labels (RID):

# **14.4 PACKING GROUP**

Packing group (ADR): Packing group (IMDG): Packing group (IATA): Packing group (ADN): Packing group (RID):

# **14.5 ENVIRONMENTAL HAZARDS**

Dangerous for the environment: Marine pollutant: Other information:



Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

No. No. No supplementary information available.

# **14.6 SPECIAL PRECAUTIONS FOR USERS**

#### **Overland transport**

AT 3 --CV9, CV10, CV12, CV36 20

20	
3500	

C/E 2ZE

274, 362

8A 274, 659 0 E0 P206 PP97 MP9 T50 TP4, TP40

0 E0 P206 PP97 T50 TP4, TP40 F-C S-V B Liquids, pastes or powders, pressurized with a propellant which meets the definition of a gas.

E0 Forbidden Forbidden 218 75kg 218 150kg A187 2L 8A 274,659 0 E0 PP 0 8A 274,659 0 E0 P206 **PP97** MP9 T50 **TP4**, **TP40** 3 CW9, CW10, CW12, CW36 CE2 20

Tunnel restriction code (ADR): EAC code:

#### Transport by sea

Special provisions (IMDG): Limited quantities (IMDG): Excepted quantities (IMDG): Packing instructions (IMDG): Special packing provisions (IMDG): Tank instructions (IMDG): Tank special provisions (IMDG): EmS-No. (Fire): EmS-No. (Spillage): Stowage category (IMDG): Properties and observations (IMDG):

#### Air transport

PCA Excepted quantities (IATA): PCA Limited quantities (IATA): PCA limited quantity max net quantity (IATA): PCA packing instructions (IATA): PCA max net quantity (IATA): CAO packing instructions (IATA): CAO max net quantity (IATA): CAO max net quantity (IATA): Special provisions (IATA): ERG code (IATA): Inland waterway transport Classification code (ADN): Special provisions (ADN): Limited quantities (ADN):
( )
Limited quantities (ADN):
Excepted quantities (ADN):
Equipment required (ADN):
Number of blue cones/lights (ADN):

# **Rail transport**

Classification code (RID): Special provisions (RID): Limited quantities (RID): Excepted quantities (RID): Packing instructions (RID): Special packing provisions (RID): Mixed packing provisions (RID): Portable tank and bulk container instructions (RID): Portable tank and bulk container special provisions: (RID) Transport category (RID): Special provisions for carriage - Loading, unloading. and handling (RID): Colis express (express parcels) (RID): Hazard identification number (RID):

# 14.6 MARITIME TRANSPRT IN BULK ACCORDING TO IMO INSTRUMENTS

#### Not applicable.

# **SECTION 15: REGULATORY INFORMATION**

# 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

#### 15.1.1 EU-Regulations

# **REACH Annex XVII (Restriction List)**

Contains no REACH substances with Annex XVII restrictions.

# **REACH Annex XIV (Authorisation List)**

Contains no REACH Annex XIV substances.

#### REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list.

#### **PIC Regulation (Prior Informed Consent)**

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export.and import of hazardous chemicals.

# **POP Regulation (Persistent Organic Pollutants)**

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

#### Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

# Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

# Drug Precursors Regulation (273/2004)

Contains no substance(s)National Regulations listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

#### 15.1.2. EU-Regulations

#### Germany

Water hazard class (WGK):	WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).	
Hazardous Incident Ordinance (12. BImSchV):	Is not subject of the Hazardous Incident Ordinance (12. BImSchV)	
Netherlands		
SZW-lijst van kankerverwekkende stoffen: SZW-lijst van mutagene stoffen: SZW-lijst van reprotoxische stoffen Borstvoeding: SZW-lijst van reprotoxische stiffen: Vruchtbaarheid SZW-lijst van reprotoxische stoffen Ontwikkeling:	None of the components are listed. None of the components are listed. None of the components are listed. None of the components are listed.	
Switzerland		
Storage class (LK):	LK 2 - Liquefied or pressurized gases	

# 15.2 CHEMICAL SAFETY ASSESSMENT

No additional information available.

#### **SECTION 16: OTHER INFORMATION**

# Abbreviations and Acronyms:

ATE:	Acute Toxicity Estimate.
ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN:	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
CAS:	Chemical Abstracts Service.
DNEL:	Derived No Effect Level.
IATA:	International Air Transport Association.
IMDG:	International Maritime Dangerous Goods.
Kow:	Octanol-water partition coefficient.
LC :	Lethal Concentration to 50 % of a test population.
LD :	Lethal Dose to 50% of a test population (Median Lethal Dose).
PBT:	Persistent, Bioaccumulative and Toxic substance.
PNEC:	Predicted No Effect Concentration.
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

RID:	European Agreement concerning the International Carriage of Dangerous Goods by Rail.
vPvB:	Very Persistent and Very Bioaccumulative.
IARC:	International Agency for Research on Cancer.
	International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
cATpE:	Converted Acute Toxicity Point Estimate.
BCF:	Bioconcentration Factor.
BOD:	Biochemical Oxygen Demand.
EC:	50% of maximal Effective Concentration.
LOAEC:	Lowest Observed Adverse Effect Concentration.
LOAEL:	Lowest Observed Adverse Effect Level.
NOAEC:	No Observed Adverse Effect Concentration.
NOAEL:	No Observed Adverse Effect Level.
NOEC:	No Observed Effect Concentration.
LOEC:	Lowest Observed Effect Concentration.
DMEL:	Derived Minimal Effect Level.
EL50:	Exposure Limit 50
hPa:	Hectopascal
LL50:	Lethal Loading fifty
OECD:	Organisation for Economic Co-operation and Development
POW:	Octanol-water partition coefficient
SCBA:	self-contained breathing apparatus
STP:	Sewage Treatment Plant
VOC:	Volatile Organic Compounds

# Full Text of H and EUH-Statement:

Eye Irrit. 2:	Serious eye damage/eye irritation, Category 2
H314:	Causes severe skin burns and eye damage.
H315:	Causes skin irritation.
H317:	May cause an allergic skin reaction.
H319:	Causes serious eye irritation.
H335:	May cause respiratory irritation.
Skin Corr. 1B:	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2:	Skin corrosion/irritation, Category 2
Skin Sens. 1:	Skin sensitisation, Category 1
STOT SE 3:	Specific target organ toxicity Single exposure, Category 3, Respiratory tract irritation.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Legal Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Issued By	Neil Harrison	
Department	SHE	
Revision Date	29 <sup>th</sup> July 2024	
Revision	5	