

SAFETY DATA SHEET

SOLVENT CEMENT SC125 & SC250

according to 1907/2006/EC, Article 31

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

1.1 PRODUCT IDENTIFIER

PRODUCT NAME FloPlast SOLVENT CEMENT (FLO SOLVENT CEMENT BO 250ML*12 EN)
PRODUCT No. SC125 – SC250

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

No further relevant information available

APPLICATION OF THE SUBSTANCE / PREPERATION ADHESIVE

1.3 DETAILS OF THE SUPPLIER

SUPPLIER	FloPlast LTD CASTLE ROAD EUROLINK BUSINESS PARK SITTINGBOURNE KENT ME10 3FP 01795 431731 01795 431731 technical@floplast.co.uk	MANUFACTURED FOR FloPlast LTD BY:	BISON INTERNATIONAL BV NL-4462 EW Goes PO BOX 160 NL-4462 AD Goes NETHERLANDS
		EMERGENCY TELE: +31 88 3235700 Mon – Fri 07:00hrs – 17:00hrs (CET)	

EMERGENCY TELE: 01795 431731 Mon – Fri 08:00HRS – 17:00HRS

For detailed information contact the national Poison Centre @ <https://poisoncentres.echa.europa./appointed-bodies>
Use trade name FLO SOLVENT CEMENT BO 250ML*12 EN.

SECTION 2: HAZARD IDENTIFICATION

CLASIFICATION OF SUBSTANCES

2.1 CLASSIFICATION ACCORDING TO REGULATION (EC) No. 1272/2008



GHS02

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

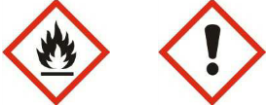
STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 LABEL ELEMENTS

Labelling according to Regulation (EC) No1272/2008

The product is classified and labelled according to the CLP regulations.

Hazard Pictograms



GHS02

GHS07

Signal Word: Danger

Hazard-determining components of labelling: butanone

Hazard Statements:

H225 Highly flammable liquid vapour.

H319 Cause serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary Statements:

P101 If medical advice is needed, have product container or label to hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

P261 Avoid breathing vapours.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

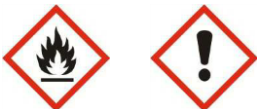
P501 Dispose of contents/container in accordance with national regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

Labelling of Packages where the contents do not exceed 125 ml

Hazard pictograms



GH02

GHS07

Signal Word: Danger

Hazard-determining components of labelling: butanone

Hazard Statements:

H336 May cause drowsiness or dizziness.

Precautionary Statements:

P101 If medical advice is needed, have product container or label to hand.

P102 Keep out of reach of children.

P261 Avoid breathing vapours.

P501 Dispose of contents/container in accordance with national regulations.



2.3 OTHER HAZARDS

Results of PBT and vPvB assessment.

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 MIXTURES****Description:** Adhesive

Dangerous components: Butanone		
CAS: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3 Reg.nr.: 01-2119457290-43	 Flam. Liq. 2, H225	 Eye Irrit. 2, H319; STOT SE 3, H336
		50-100%

Trade name: Solvent Cement SC125 & SC250**Additional information:** For wording of the listed hazards phrases refer to Section 16.**SECTION 4: FIRST AID MEASURES****4.1 DESCRIPTION OF FIRST AID MEASURES****General information:** No special measures required.**After inhalation:** Supply fresh air; consult doctor in case of complaints.

No special measures required.

After skin contact: Generally, the product does not irritate the skin.**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.**After swallowing:** If symptoms persist, consult a doctor.**4.2. Most important symptoms and effects, both acute and delayed**

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: FIRE FIGHTING MEASURES**5.1 EXTINGUISHING MEDIA****Suitable extinguishing agents:**

Water haze.

Alcohol resistant foam.

Fire-extinguishing powder

Carbon dioxide.

For safety reasons unsuitable extinguishing agents: Water with full jet.**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

No further relevant information available.

5.3 ADVICE FOR FIREFIGHTERS**Protective equipment:** No special measures required.**Additional Information:**

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Wear protective equipment.

Keep unprotected persons away.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not allow to enter sewers/ surface or ground water.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable receptacles.

Ensure adequate ventilation.

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.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS OF SAFE HANDLING

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire – and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well-sealed receptacles.

Storage class: 3

7.3 SPECIFIC END USE(S)

Specific end use(s): No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Ingredients with limit values that require monitoring at the workplace:

Name	STD	Short Term	Long Term
78-93-3 butanone	IOELV	300ppm 900 mg/m ³	200ppm 600 mg/m ³

DNEL's

Name: 78-93-3 butanone

Oral	Consumer, oral, long-term exposure	31 mg/kg bw/day
Dermal	Consumer, dermal, long-term exposition	412 mg/kg bw/day
Inhalative	Consumer, inhalation, long-term exposition	106 mg,m ³

PNEC's

Name: 78-93-3 butanone

Fresh Water	55.8 mg/l
Marine Water	55.8 mg/l
Soil	22.5 mg/l

Additional information: The list valid during the making were used as a basis.

8.2 EXPOSURE CONTROLS

Personal protective equipment:

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages, and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases/fumes/aerosols.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

Recommended filter device for short term use: Filter A

Protection of hands:

Solvent resistant gloves



The glove material must be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

Recommended thickness of material: > 0.12 mm

Butyl rubber, BR

Nitrile rubber, NBR

Recommended thickness of material: > 0.7 mm

Penetration time of glove material

For the mixture of chemicals mentioned below the penetration time must be at least 10 minutes (Permeation according to EN 374 Part 3: Level 1)

For the mixture of chemicals mentioned below the penetration time must be at least 120 minutes (Permeation according to EN 374 Part 3: Level 4)

Eye/face protection:



Tightly sealed goggles recommended during refilling.

Body protection:

Solvent resistant protective clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance:

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic
Odour Threshold:	Not determined.
Melting point/ Melting range:	Undetermined.
Boiling point/Boiling range:	79 – 80.5°C.

Flammability (solid, gaseous):	Highly Flammable.
Lower and upper explosion limit	
Lower:	1.8%
Upper:	11.5%
Flash point:	-9° C
Ignition temperature:	514°C
Decomposition temperature:	Not determined.
pH:	Not determined.
Viscosity:	
Dynamic at 20°C:	1200mPas.
Kinematic:	Not determined.
Partition coefficient n-pctanol/water (log value):	Not determined.
Water:	Not miscible or difficult to mix.
Vapour pressure at 20°C:	105 hPa
Density and or relative density	
Density at 20°C:	89 g/cm ³
Relative density:	Not determined.
Vapour Density:	Not determined.

9.2 OTHER INFORMATION

All relevant physical data were determined for the mixture. All non-determined data are not measurable or not relevant for the characterization of the mixture.

Appearance

Form: Fluid

Important information on protection of health and environmental safety.

Ignition temperature: Product not self-igniting.

Explosive properties: Product is not explosive, however, formation of explosive air/vapour mixtures are possible.

Solvent Content:

Organic Solvents: 79.7%

Water: 0.0%

Solid content: 20.2%

Change in condition.

Evaporation rate: Not determined.

INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES

Explosive: Void

Flammable gases: Void

Aerosols: Void

Oxidising gases: Void

Gases under pressure: Void

Flammable liquids: Highly flammable liquid and vapour.

Flammable solids: Void

Self-reactive substances and mixtures: Void

Pyrophoric liquids: Void

Pyrophoric solids: Void

Self-heating substances and mixtures: Void

Substances and mixtures, which emit Flammable gases in contact with water: Void

Oxidising liquids: Void

Oxidising Solids: Void

Organic peroxides: Void

Corrosive to metals: Void
Desensitised explosives: Void

SECTION 10: STABILITY AND REACTIVITY

liquid

10.1 REACTIVITY

No further relevant information available.

10.2 CHEMICAL STABILITY

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known.

10.4 CONDITIONS TO AVOID

No further relevant information available.

10.5 INCOMPATIBLE MATERIALS

No further relevant information available.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Danger of forming toxic pyrolysis products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) No 1272/2008

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
Name: 78-93-3 butanone		
Oral	LD50	3300 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Not applicable. Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional toxicology information:

Acute effects (acute toxicity, irritation and corrosivity)

Not applicable.

Sensitisation

Not applicable.

Repeated dose toxicity.

Not applicable.

11.2 INFORMATION ON OTHER HAZARDS

Endocrine disrupting properties		
78-93-3	butanone	List II

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

12.1 Toxicity

Aquatic toxicity

No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bio-accumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

12.7 Other adverse effects

Additional ecological information:

General notes:

Water hazard class 1 (German Regulations) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Recommendations

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

UNCLEANED PACKAGING

Recommendation

Packaging that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: TRANSPORT INFORMATION

14.1 UN-NUMBER

ADR, IMDG, IATA: UN1133

14.2 UN PROPER SHIPPING NAME

ADR 1133 ADHESIVES, special provision 640H

IMDG, IATA ADHESIVES

14.3 TRANSPORT HAZARD CLASS (ES)

ADR/AND



Class: 3 (F1) Flammable liquids.
Label; 3

IMDG, IATA



Class: 3 (F1) Flammable liquids.
Label; 3

14.4 PACAKING GROUP

ADR/ADN, IMDG, IATA III

14.5 ENVIRONMENTAL HAZARDS

Marine Pollutant: No

14.6 SPECIAL PRECAUTIONS FOR USER

Warning: Flammable liquids.

Danger Code (Kemler): -

EMS Number: F-E, S-D

Stowage Category: A

14.7 MARITIME TRANSPORTIN BULK ACCORDING TO IMO INSTRUMENTS

Not applicable.

Transport/Additional information

Quantity limitations

On passenger aircraft/rail: 60 L

On cargo aircraft only: 220 L

ADR/ADN

Limited quantities (LQ): 5L

Excepted quantities (EQ): Code: E1

Maximum net quantity per inner packaging: 30ml

Maximum net quantity per outer packaging: 1000 ml

Transport category: 3

Tunnel restriction code: E

IMDG

Limited quantities (LQ): 5L

Excepted quantities (EQ): Code: E1

Maximum net quantity per inner packaging: 30ml

Maximum net quantity per outer packaging: 1000 ml

Remarks: For substances with class 3 according to IMDG – Code chapter 2.3.2.2 packing group is classified in packaging III, as viscosity is in accordance with requirements (flow time $t > 100s$)

UN "Model Regulation": UN1133, ADHESIVES, 3, III

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements

5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements

50,000 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on restriction of the II use of certain hazardous substance in electrical and electronic equipment – Annex II

None of the ingredients is listed

REGULATION (EU) 2019/1148

Regulation (EC) No 273/2004 on drug precursors		
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78-92-3	butanone	3
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Regulations (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors		
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78-92-3	butanone	3
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15.2 CHEMICAL SAFETY ASSESSMENT

A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

16 OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness and cracking.

Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Flammable Liquids	Bridging Principles
Serious eye damage/eye irritation Specific target organ toxicity (single exposure)	The classification of the mixture is general based on the calculation method using substance data according to Regulation (EC) No. 1272/2008.

Abbreviations and acronyms:

ADR Accord relative au transport international des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effective Level (REACH)

PNEC: Predicted No-Effective Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bio-accumulative, and Toxic

vPvB: very Persistent and very Bio-accumulative

Flam. Liq. 2: Flammable liquids – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Data compared to the previous version altered.

This product should be used as directed by BISON INTERNATIONAL BV. For further information consult the product data sheet or contact FloPlast's Technical Department.

The safety data sheet has been compiled using current information supplied by BISON INTERNATIONAL BV and the distributors of their raw materials.

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 damages resulting from handling or from contact with the above product.

Issued By: Neil Harrison
Department: SHE
Revision Date: 11th July 2024
Revision 10