

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

1.1. Product identifier

Product name: Liquid Gasket
Product code: SXLG50

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

Use of substance / mixture: PC1: Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Company name: Central Solutions (GB) Ltd
Askern Industrial Estate
Moss Road
Askern
Doncaster
DN6 0DD
England
Tel: +44(0)1302 708 895
Email: info@solxsolutions.com
www.solxsolutions.com

1.4. Emergency telephone number

Emergency tel: +44(0)1302 708 895
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Sens.: R43

Classification under CLP: Eye Irrit. 2: H319; Skin Sens. 1: H317; -: EUH208

Most important adverse effects: May cause sensitisation by skin contact.

2.2. Label elements

Label elements under CLP:

Hazard statements: EUH208: Contains 2-hydroxyethyl methacrylate, 1-acetyl-2-phenyl hydrazine and maleic acid. May produce an allergic reaction.
H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



SAFETY DATA SHEET

SXLG50

Page: 2

Precautionary statements: P264: Wash hands thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists: Get medical advice/attention.

Label elements under CHIP:

Hazard symbols: Irritant.



Risk phrases: R43: May cause sensitisation by skin contact.

Safety phrases: S24: Avoid contact with skin.

S37: Wear suitable gloves.

Precautionary phrases: Contains 2-hydroxyethyl methacrylate, maleic acid. May produce an allergic reaction.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

AMORPHOUS SILICA

EINECS	CAS	CHIP Classification	CLP Classification	Percent
231-545-4	7631-86-9	Substance with a Community workplace exposure limit.	-	1-10%

ETHYLENE GLYCOL

203-473-3	107-21-1	Xn: R22	Acute Tox. 4: H302	1-10%
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CUMENE HYDROPEROXIDE

201-524-7	80-15-9	O: R7; Xn: R21/22; T: R23; C: R34; Xn: R48/20/22; N: R51/53	Org. Perox. EF: H242; Acute Tox. 3: H331; Acute Tox. 4: H312; Acute Tox. 4: H302; STOT RE 2: H373; Skin Corr. 1B: H314	<1%
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MALEIC ACID

203-742-5	110-16-7	Xn: R22; Xi: R36/37/38; Sens.: R43	Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	<1%
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Section 4: First aid measures

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SAFETY DATA SHEET

SXLG50

Page: 3

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS.
Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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SAFETY DATA SHEET

SXLG50

Page: 4

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No special requirement.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

AMORPHOUS SILICA

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	8mg/m3	-

ETHYLENE GLYCOL

UK	52mg/m3	104mg/m3	-	-
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8.1. DNEL/PNEC Values

Hazardous ingredients:

ETHYLENE GLYCOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	35mg/m ³	Workers	Systemic
DNEL	Dermal	106mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	7mg/m ³	General Population	Systemic
DNEL	Dermal	53mg/kg bw/day	General Population	Systemic
PNEC	Freshwater	10mg/l	-	-
PNEC	Marine Water	1mg/l	-	-
PNEC	Intermittent Releases	10mg/l	-	-
PNEC	STP	199.5mg/l	-	-
PNEC	Sediment (Freshwater)	37mg/kg	-	-

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SAFETY DATA SHEET

SXLG50

Page: 5

PNEC	Sediment (Marine Water)	3.7mg/kg	-	-
PNEC	Soil	1.53mg/kg	-	-
DNEL	Dermal	3.3mg/kg bw/day	Workers	Systemic
DNEL	Dermal	0.04mg/cm ²	Workers	Local
PNEC	Freshwater	74.4µg/l	-	-
PNEC	Intermittent Releases	0.744mg/l	-	-
PNEC	STP	3.33mg/l	-	-
PNEC	Sediment (Freshwater)	62.4µg/l	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Orange

Odour: Sweet-smelling

Viscosity: Viscous

Boiling point/range°C: Not Determined

Flammability limits %: lower: Not Determined

upper: Not Determined

Flash point°C: Not Determined

Autoflammability°C: Not Determined

Vapour pressure: Not Determined

Relative density: 0.997

pH: Not Determined

VOC g/l: 35

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

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SAFETY DATA SHEET

SXLG50

Page: 6

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

AMORPHOUS SILICA

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>1000	mg/kg

ETHYLENE GLYCOL

DERMAL	RBT	LD50	10626	mg/kg
ORAL	RAT	LD50	4700	mg/kg
VAPOURS	RAT	6H LC50	>2.5	mg/l

CUMENE HYDROPEROXIDE

ORL	MUS	LDLO	5	gm/kg
ORL	RAT	LD50	382	mg/kg
SCU	RAT	LD50	382	mg/kg

MALEIC ACID

DERMAL	RBT	LD50	1560	mg/kg
ORAL	RAT	LD50	708	mg/kg
VAPOURS	RBT	1H LC50	>720	mg/m3

Relevant effects for mixture:

Effect	Route	Basis
Sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

[cont...]

SAFETY DATA SHEET

SXLG50

Page: 7

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

ABBREVIATIONS

ORL - Oral

[cont...]

SAFETY DATA SHEET

SXLG50

Page: 8

DRM - Dermal
INH - Inhalation
MUS - Mouse
RBT - Rabbit
OPT - Ophthalmic
SCU - Subcutaneous
PBT - Persistent Bioaccumulative Toxic
VOC - Volatile Organic Content
STP - Sewage Treatment Plant
LC50 - Lethal Concentration 50%
LD50 - Lethal Dose 50%
PNEC - Predicted No Effect Concentration
DNEL - Derived No Effect Level

Phrases used in s.2 and 3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H242: Heating may cause a fire.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H335: May cause respiratory irritation.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

R7: May cause fire.

R21/22: Harmful in contact with skin and if swallowed.

R22: Harmful if swallowed.

R23: Toxic by inhalation.

R34: Causes burns.

R36/37/38: Irritating to eyes, respiratory system and skin.

R43: May cause sensitisation by skin contact.

R48/20/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: This company shall not be held liable for any damage resulting from handling or from contact with the above product.