Low Modulus C60

1. DESCRIPTION

1.1 Product Name

Low Modulus C60 sealant

1.2 Uses

Sealant

1.3 Supplier

Premier Sealant Systems Ltd., Mercia Way, Foxhills Industrial Park, Scunthorpe, North Lincolnshire, DN15 8RE

T: 01724 864 100
Emergency number: 112 or 999

2. HAZARDS IDENTIFICATION

2.1 Hazard Category

According to EU Directives 67/548/EEC or 1999/45/EC:

Not classified as hazardous.

2.2 Label elements

S-phrases: S24 Avoid contact with skin.
S51 Use only in well-ventilated areas.

2.3 Subsidiary Risk

Contains Trimethoxy(methyl)silane. May produce an allergic reaction.

2.4 Poison Schedule

Not listed.

3. COMPOSITION & INFORMATION ON INGREDIENTS

3.1 Substance

Not applicable.

3.2 Mixtures

Chemical characterization: Silicone elastomer
According to EU Directives 67/548/EEC or 1999/45/EC:

Name	CAS-No.	EINECS/ ELINCS No.	REACH Registration Number	Conc. (% w/w)	Classification

No hazardous ingredients.

According to Regulation (EC) No. 1272/2008:

Name	CAS-No.	EINECS/ ELINCS No.	REACH Registration Number	Conc. (% w/w)	Classification

No hazardous ingredients.

CLP classifications are based on all current available data including from known international organizations. These classifications are subject to revision as more information becomes available.

4. FIRST AID MEASURES

4.1 Eye Contact

In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.

4.2 Skin Contact

In case of contact, immediately flush skin with plenty of water, wipe off. Get medical attention if irritation develops.

4.3 Inhalation

If inhaled, remove the person to fresh air. Get medical attention if symptoms appear.

4.4 Ingestion

Obtain medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

On small fires use carbon dioxide (CO2), dry chemical or water spray. On large fires use dry chemical, foam or water spray (fog). Water can be used to cool fire exposed containers.

5.2 Specific Hazards

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Chlorine compounds. Nitrogen products.

5.3 Special Fire-Fighting Procedures

None.

5.4 Fire-Fighter

A self-contained respirator and protective clothing should be worn. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear proper protective equipment.

6.2 Environmental precautions

Do not allow large quantities to enter drains or surface waters.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up:	Scrape up and place in a container fitted with a lid. The spilled product produces extremely slippery surface.
Other information:	Dispose of materials or solid residues at an authorized site.

7. HANDLING & STORAGE

7.1 Precautions for safe storage

Precautions for safe handling:	General ventilation is recommended. Local ventilation is recommended. Avoid skin and eye contact. Do not breathe vapour. Do not ingest. Do not empty into drains.

Hygiene measures:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Remove contaminated clothing.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:	Do not store with oxidizing agents. Keep the container closed and store away from water or moisture. Storage temperature: minimum -10 °C, maximum 32 °C.

7.3 Specific end use(s)

Refer to the technical data sheet.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Control parameters:

- **National occupational exposure and biological limit values**

  No additional information available.

- **Recommended monitoring procedures**

  No additional information available.

- **Air contaminants formed**

  No additional information available.

- **DNEL and PNEC**

  No additional information available.

- **Control banding**

  No additional information available.

8.2 Exposure Controls

Ensure good ventilation of the work station.

8.3 Personal Protection

Respiratory	Suitable respiratory protection should be worn if the product is used in large quantities, confined spaces or in other circumstances where the OEL may be approached or exceeded. Depending on the working conditions, wear a respiratory mask with filter(s) AX or use a self-contained respirator. The choice of filter type depends on the amount and type of chemical being handled in the workplace. Regarding filter characteristics, contact your respiratory protection supplier.
Skin & Body	Wear suitable protective clothing where significant skin contact can occur.

Hand Protection	Chemical protective gloves or gauntlets should be worn and removed correctly to avoid skin contamination: Silver shield(TM). 4H(TM). Regarding glove breakthrough time, contact your chemical protective glove supplier.
Eye and face protection	Safety glasses should be worn.
Additional information	These precautions are for room temperature handling. Using elevated temperatures may require additional precautions.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Properties

Physical state:	Paste
Colour:	White
Appearance:	Paste
Odour:	None
Odour threshold:	Not available
Melting point:	Not applicable
Freezing point:	Not available
Boiling point:	Not available
Flammability:	Not applicable
Explosive limits:	Not available
Lower explosion limit:	Not available
Upper explosion limit:	Not available
Flash point:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
pH:	Not available
Viscosity, kinematic:	Not available
Solubility:	0 g/l at 25°C
Partition coefficient n-octanol/water (Log Kow):	Not available
Vapour pressure:	Not available
Vapour pressure at 50°C:	Not available
Density:	Not available
Relative density:	Not available
Relative vapour density at 20°C:	Not available
Particle characteristics:	Not applicable
Oxidising properties:	None

10. STABILITY & REACTIVITY

10.1 Reactivity

This product releases methanol.

10.2 Stability

Stable under normal usage conditions.

10.3 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.4 Incompatible materials

Can react with strong oxidising agents. Keep from any possible contact with water. Protect from moisture.

10.5 Hazardous decomposition products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Chlorine compounds. Nitrogen products.

10.6 Possibility of hazardous reactions

None known.

11. TOXICOLOGY INFORMATION

11.1 Acute toxicity

On contact with eyes:	May cause temporary discomfort
On skin contact:	Large amount in contact with significant skin surface areas may cause systemic adverse effects.
If inhaled:	May cause dizziness, drowsiness, confusion, headaches, nausea and at high concentrations – unconsciousness.
On ingestion:	Forms methanol. Swallowing large amounts may cause systemic adverse effects and blindness.

11.2 Chronic toxicity

On skin contact:	Prolonged or repeated dermal contact may cause systemic adverse effect. May cause sensitization of susceptible persons by skin contact.
If inhaled:	Prolonged or repeated inhalation may cause systemic adverse effects.
On ingestion:	Repeated swallowing may cause systemic adverse effects.
Toxicokinetic, metabolism and distribution:	Dangerous amounts can be absorbed through the skin.
Other Health Hazard Information:	This product contains (a) powder(s) hazardous by inhalation. This is not relevant to the current physical form of the product, which is not in a respirable form.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity effects

No adverse effects on aquatic organisms are predicted.

12.2 Persistence and degradability

Solid material, insoluble in water. No adverse effects are predicted.

12.3 Bioaccumulation

No bioaccumulation potential.

12.4 Mobility in soil/Release to waters

Fate and effects in wastewater treatment plants – No adverse effects on bacteria are predicted.

12.5 Disposal considerations

Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

13. TRANSPORT INFORMATION

For road, marine and air transport this product is not classified as dangerous goods within the contract of National Transport Regulations.

UN. No.	Not allocated
Shipping Name	Not applicable
Class	Not classified as dangerous goods
Subsidiary Risk	Not classified as dangerous goods
Packaging Group	Not applicable
Hazchem Code	Not applicable
EPG	Not applicable
Segregation	Not applicable

14. REGULATORY INFORMATION

14.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Status

EINECS: All ingredients listed, exempt or notified (ELINCS).
AICS: All ingredients listed, exempt or notified.
IECSC: All ingredients listed or exempt.
PICCS: All ingredients listed, exempt or notified.

DSL: All ingredients listed or exempt.
TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

15. OTHER INFORMATION

15.1 Date of Preparation

26.04.2010

15.2 Date of Revision

25.03.2024

15.3 Reasons for Issue

New Information: SDS's are updated frequently. Please ensure you have the current copy. This SDS summaries at the date of issue our best knowledge of health and safety hazard information of the product, and in particular how to handle and use the product in the workplace. Since Premier Sealant Systems Ltd cannot anticipate or control the conditions under which the product may be Using each user must, prior to usage, review this SDS in the context to use and handling of the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Premier Sealant Systems Ltd. Our responsibility for the product as sold is subject to our standard terms and conditions, a copy of which is sent to our customer and is also available upon request.