

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

Product Identifier

Product Name: Component for Polyurethane mold rubber
Synonyms: n/a
Trade Names: Liqasil Frost A & B

Relevant identified uses of the substance or mixture and uses advised against:

Main Applications (non exhaustive list): Component for Polyurethane mold rubber.
For industrial / professional use only.

Details of the supplier of the Safety Data Sheet

Company Name: Castaldo
A division of: Goodwin Refractory Services Ltd.
Address: Spencroft Road, Holditch Industrial Estate
Newcastle under Lyme, Staffordshire, ST5 9JE, UK
Phone No. +44 (0)1782 663600
Fax No. +44 (0)1782 663611
Email address: info@castaldo.com

Emergency telephone number:

Emergency Telephone No. +44 (0)1782 663600
Available outside office hours? No

2. HAZARDS IDENTIFICATION

Classification:

Non hazardous.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

	CAS #	%
Poly(dimethylsiloxane), vinyl terminated	6808-19-2	75- 90
Silica, mesoporous SBA-15	7631-86-9	10-25

4. FIRST AID MEASURES

Description of first aid measures:

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes, holding eye lids open to be sure the material is washed out.
Inhalation: Move exposed person to fresh air.
Ingestion: No first aid requirements.
Skin Contact: No irritation expected. Wash with soap and water.

Most important symptoms/ effects: No known adverse health effects.

Indication of any immediate medical attention and special treatment needed: No known adverse health effects.

5. FIRE FIGHTING MEASURES

Extinguishing media: Use extinguishing media appropriate to the surrounding fire conditions.

Special hazards arising from the substance or mixture: No significant hazard.

Advice for firefighters: Self-contained breathing apparatus. Wear suitable protective clothing.
Personal precautions, protective and emergency procedures: Wear suitable protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Precautions for safe handling:

Eliminate sources of ignition. Ensure adequate ventilation of the working area. Handle the open container with care.

7. HANDLING AND STORAGE

Precautions for safe storage:

Keep away from sources of ignition– no smoking.
Appropriate engineering controls: Ensure adequate ventilation of the working area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Individual protection measures: Apron (plastic or rubber).
Eye/ face protection: In case of splashing, wear; Approved safety goggles.
Skin protection/ Hand protection: Wear suitable gloves.
Respiratory protection: In case of insufficient ventilation, wear suitable respiratory protection.

9. PHYSICAL STATE AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Physical state / Colour	Viscous liquid, Opaque
Odor:	Odourless.
Odor threshold:	Odourless
pH	No data available.
Melting point/ freezing point:	No data available.
Initial Boiling point:	No data available.
Flash point:	No data available.
Evaporation rate:	Not applicable.
Flammability:	No data available.
Upper/ lower flammability exposure limit:	No data available.
Vapour pressure:	No data available.
Relative density:	No data available.
Solubility:	No data available.
Partition coefficient:	No data available.
Auto ignition temperature:	No data available.
Decomposition temperature:	No data available.
Kinetic Viscosity:	≤ 8500
Explosive Properties:	No data available.
Oxidising properties:	No data available.
Particle characteristics:	Not nanoform characteristics

10. STABILITY AND REACTIVITY

Reactivity: Not applicable.

Chemical stability: Stable under recommended conditions.

Possibility of hazardous reactions: Keep only in the original container in a cool, well- ventilated place away from sparks, flames, heat and sources of ignition.

Conditions to avoid: Avoid sparks, flames, heat and sources of ignition.

Incompatible materials: No data available.

Hazardous decomposition products: Burning produces irritating, toxic and obnoxious fumes.

11. TOXICOLOGY INFORMATION

Information on toxicology effects:

Acute toxicity values: Based on available data, the classification criteria are not met.
 Germ Cell Mutagenicity: 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.
 Specific Target Organ Toxicity:
 Single Exposure: Based on available data, the classification criteria are not met.
 Repeated exposure: Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Results of PBT and vPvB assessment: No data available
Endocrine disruptor properties: No data available.
Other adverse effects: No specific adverse effects known

13. DISPOSAL CONSIDERATIONS

Dispose of in compliance with all local and national regulations. Contact a licenses waste disposal company. Do not re-use empty containers. Empty containers can be sent for disposal or recycling. For disposal within the EC, the appropriate code according to the European waste catalogue (EWC) should be used.

14. TRANSPORT INFORMATION

This product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending regulation (EC) No 1907/2006 of the European parliament and of the council on the registration, evaluation, authorization and restriction of chemicals (REACH), establishing a European chemicals agency, amending directive 1999/45/EC and repealing council regulation (EEC) No 793/93 and commission regulation (EC) No 1488/94 as well as council directive 76/769/EEC and commission directives 91/155/EEC, 93/67/EEC, 93/105/EEC, and commission directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European chemicals agency, amending directive 1999/45/EC and repealing council regulation (EEC) No 793/93 and commission regulation (EC) No 1488/94 as well as council directive 76/769/EEC and commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2002/21/EC.

16. OTHER INFORMATION

Revision History:

13/03/2024– Rev 1– New document.

Disclaimer:

Such information given on this safety data sheet is to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the users responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.