

**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: Quicksil Firm Part A

**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@grscastingpowders.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 #	%
Cyclotetrasiloxane, Octamethyl	0000556-67-2	0.1-1

- This material contains Crystalline Silica. However, due to the physical nature of this material, inhalation of silica dust is not possible.
- This material contains between 0.1– 1% of a known reproductive toxin.

**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: If swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.  
 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 alcohol resistant foam, CO2, Powder, Water spray, sand. Do not use water jet.

**Special hazards arising from the substance or mixture:** Small amounts of formaldehyde formed at temperatures above about 150 C through oxidation.

**Advice for firefighters:** Self-contained breathing apparatus. Wear suitable protective clothing.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective and emergency procedures:** Wear suitable protective equipment. Do not allow spills to enter the drains or waterways.

**7. HANDLING AND STORAGE**

**Precautions for safe handling:**

None known.

**Precautions for safe storage:**

Keep container tightly closed. Store in a cool dry place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

CAS No.	Ingredient	Source	Value	Carcinogen data
0000556-67-2	Cyclotetrasiloxane, Octamethyl	OSHA	No established limit	No
		ACGIH		No
		NIOSH		No

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties:

Appearance:	Green paste
Odor:	Characteristic
Odor threshold:	Not measured
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.
Water solubility:	Virtually insoluble.
Partition coefficient:	Not measured.
Auto ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	≤ 8500
Explosive Properties:	No data available.
Oxidising properties:	No data available.

## 10. STABILITY AND REACTIVITY

**Reactivity:** Hazardous polymerization will not occur.

**Chemical stability:** Stable under recommended conditions.

**Possibility of hazardous reactions:** No data available.

**Conditions to avoid:** No data available.

**Incompatible materials:** No data available.

**Hazardous decomposition products:** Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 C through oxidation.

## 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.

Eco toxicity: No data available on this product.

## 12. ECOLOGICAL INFORMATION

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in soil: No data available.

## 13. DISPOSAL CONSIDERATIONS

Material that cannot be used or chemically reprocessed should be disposed of in compliance with all local and national regulations. Contact a licensed 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:**

27/07/2020– 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.