

# Safety Data Sheet

## Castaldo® Econosil® Silicone Jewelry Molding Rubber



SDS Revision Date:

09/01/2020

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product Identity** Castaldo® Econosil® Silicone Jewelry Molding Rubber  
**Alternate Names** Castaldo® Econosil® Silicone Jewelry Molding Rubber

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

**Intended use** See Technical Data Sheet.  
**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** Goodwin Refractory Services Ltd  
Spencroft Road, Newcastle-under-Lyme,  
Staffordshire, ST5 9JE, United Kingdom

#### Emergency

**24 hour Emergency Telephone No.** Chem-Tel: 1-800-255-3924  
**Customer Service:** +44 (0) 1782 66 36 00

### 2. Hazard identification of the product

#### 2.1. Classification of the substance or mixture

No applicable GHS categories.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

#### [Prevention]:

No GHS prevention statements

#### [Response]:

# Safety Data Sheet

## Castaldo® Econosil® Silicone Jewelry Molding Rubber



SDS Revision Date:

09/01/2020

No GHS response statements

**[Storage]:**

No GHS storage statements

**[Disposal]:**

No GHS disposal statements

### 3. Composition/information on ingredients

There are no ingredients in this product which are classified as hazardous.

### 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

<b>Overview</b>	No specific symptom data available. See section 2 for further details.
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### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, water fog

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon oxides and various hydrocarbons and silicon oxides.

# Safety Data Sheet

## Castaldo® Econosil® Silicone Jewelry Molding Rubber



SDS Revision Date:

09/01/2020

### 5.3. Advice for fire-fighters

High expansion foam Water fog. Treat as a hydrocarbon fire. Use fresh air masks

ERG Guide No. ----

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Repackage uncontaminated rubber. Bury rubber wastes in an approved land fill site.

## 7. Handling and storage

### 7.1. Precautions for safe handling

None of the additives are listed in the Code of Federal Regulations (CFR) Title 291910.1000 paragraph subpart Z - Toxic and Hazardous Substances. This material is an inert, nonhazardous solid, however it is recommended that gloves be used during prolonged handling.

This product can generate formaldehyde at approximately 150 degrees C and above in the presence of air. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential cancer hazard. Use adequate ventilation and/or wear protective equipment when this product is heated at approximately 150 degrees C and above. This material has no known hazardous properties. ACGIH and OSHA exposure limits are no longer relevant to compounding ingredients after incorporation into rubber. However since this material contains more than 1% ingredients listed as hazardous in OSHA 1910.1200, it is recommended that the protected measures described below should be followed.

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No data available.

Recommended Storage: Less than 25° C / 77° F

Conditions: Dry, absence of direct natural or artificial light

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

# Safety Data Sheet

## Castaldo® Econosil® Silicone Jewelry Molding Rubber



SDS Revision Date:

09/01/2020

### 8. Exposure controls and personal protection

#### 8.1. Control parameters

There are no ingredients in this product which are classified as hazardous.

#### 8.2. Exposure controls

**Skin** Wear overalls to keep skin contact to a minimum. Gloves recommended

**Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

### 9. Physical and chemical properties

<b>Appearance</b>	Red-brown Solid
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not Measured
<b>pH</b>	Not applicable
<b>Melting point / freezing point</b>	Not applicable
<b>Initial boiling point and boiling range</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Evaporation rate (Ether = 1)</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not applicable <b>Upper Explosive Limit:</b> Not applicable
<b>Vapor pressure (Pa)</b>	Not determined
<b>Vapor Density</b>	Approx. 1.0 - 1.5 g/cm <sup>3</sup> (Estimated Value)
<b>Specific Gravity</b>	(H <sub>2</sub> O=1): 1.429
<b>Solubility in Water</b>	Insoluble
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not applicable
<b>Viscosity (cSt)</b>	Not determined

# Safety Data Sheet

## Castaldo® Econosil® Silicone Jewelry Molding Rubber



SDS Revision Date:

09/01/2020

VOC %

Not applicable

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

Carbon oxides and various hydrocarbons and silicon oxides. If stored and handled in accordance with standard industrial practices and local regulations where applicable: none known. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

## 11. Toxicological information

### Acute toxicity

There are no ingredients in this product which are classified as hazardous.

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable

# Safety Data Sheet

## Castaldo® Econosil® Silicone Jewelry Molding Rubber



SDS Revision Date:

09/01/2020

Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

### 12. Ecological information

#### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

#### Aquatic Ecotoxicity

There are no ingredients in this product which are classified as hazardous.

#### 12.2. Persistence and degradability

There is no data available on the preparation itself.

#### 12.3. Bioaccumulative potential

Not Measured

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

#### 12.6. Other adverse effects

No data available.

### 13. Disposal considerations

#### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

### 14. Transport information

<b>14.1. UN number</b>	<b>DOT (Domestic Surface Transportation)</b> Not Applicable	<b>IMO / IMDG (Ocean Transportation)</b> Not Regulated	<b>ICAO/IATA</b> Not Regulated
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# Safety Data Sheet

## Castaldo® Econosil® Silicone Jewelry Molding Rubber



SDS Revision Date:

09/01/2020

**14.2. UN proper shipping name** Not Regulated Not Regulated Not Regulated

**14.3. Transport hazard class(es)** **DOT Hazard Class:** Not Applicable **IMDG:** Not Applicable **Air Class:** Not Applicable  
**DOT Label:** --- **Sub Class:** Not Applicable

**14.4. Packing group** Not Applicable Not Applicable Not Applicable

**14.5. Environmental hazards**

**IMDG** Marine Pollutant: No

**14.6. Special precautions for user**  
No further information

### 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act (TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**WHMIS Classification** Not Regulated

**US EPA Tier II Hazards**

**Fire:**No

**Sudden Release of Pressure:**No

**Reactive:**No

**Immediate (Acute):**No

**Delayed (Chronic):**No

**EPCRA 311/312 Chemicals and RQs:**  
(No Product Ingredients Listed)

**EPCRA 302 Extremely Hazardous :**  
(No Product Ingredients Listed)

**EPCRA 313 Toxic Chemicals:**  
(No Product Ingredients Listed)

**Proposition 65 - Carcinogens (>0.0%):**  
(No Product Ingredients Listed)

**Proposition 65 - Developmental Toxins (>0.0%):**  
(No Product Ingredients Listed)

**Proposition 65 - Female Repro Toxins (>0.0%):**  
(No Product Ingredients Listed)

**Proposition 65 - Male Repro Toxins (>0.0%):**  
(No Product Ingredients Listed)

**N.J. RTK Substances (>1%) :**  
(No Product Ingredients Listed)

**Penn RTK Substances (>1%) :**  
(No Product Ingredients Listed)

# Safety Data Sheet

## Castaldo® Econosil® Silicone Jewelry Molding Rubber



SDS Revision Date:

09/01/2020

### 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

Not Applicable

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

Disclaimer: The information contained herein is considered accurate; however, Goodwin Refractory Services Ltd makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.

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