

Prepared in accordance with the criteria of Regulation (EC) No. 1907/2006 (REACH) as amended by Regulation (EC) No. 453/2010 - No. 830/2015  
Date of publication: 10 June 2021

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

|                           |  |
|---------------------------|--|
| Trade name                | GREI                                     |
| Product form              | Roll                                     |
| REACH registration number | Article excluded from REACH registration |
| Product type              | Acoustic insulation                      |
| Product group             | Product for professional use             |

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

The material is intended for professional use

|                              |   |
|------------------------------|---|
| Main use category:           | Professional use for the construction of noise reducing systems   |
| Description of the material: | Roll made of EPDM rubber granules heat-anchored to a tear-proof textile backing by means of carboxylated latex adhesive |
| Function or category of use: | Acoustic insulation   |

**1.2.2. Uses advised against**

There are no known uses advised against in the professional field.

**1.3. Information on the supplier of the safety data sheet****Supplier**

ISOLGOMMA S.r.l. - Via Dell'Artgianato, 24 - Albettonne (VI) - Italy  
Tel. +39 0444 790781 - Fax +39 0444 790784 - info@isolgomma.com - isolgomma.com

**Competent person responsible for the sheet**

Massimo Montagna - m.montagna@isolgomma.com

**1.4. Emergency telephone number**

Emergency number 118

**SECTION 2: Hazard identification****2.1. Classification of the substance or mixture****Classification according Regulation (EC) no. 1272/2008 [CLP]**

The material falls under the definition of article according to Regulation 1907/2006 (REACH Regulation) art.3 par.3 and does not contain substances intended to be released under normal or reasonably foreseeable conditions of use, therefore, according to the same Regulation, there is no obligation of a Safety Data Sheet compiled according to art. 31.

This document has been developed for the purpose of providing information normally included in a safety data sheet and is a voluntarily issued information sheet which, although produced for ease of reading by users on the model provided for safety data sheets, is not subject to the formal requirements of the REACH Regulation.

The material does not meet the criteria for classification according to Regulation (EC) No. 1272/2008

**2.1.1. Adverse physico-chemical effects, for human health and the environment**

None known under normal conditions of use

**2.2. Label elements**

The product is not subject to labelling according to Annex I, point 1.3.4.1 of Regulation 1272/2008.

**2.3. Other hazards**

Other hazards which do not contribute to classification: none known under normal conditions of use.

The substances/mixtures contained in the GREI product do not meet the PBT, vPvB criteria of the REACH Regulation, Annex XIII

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### SECTION 3: Composition / information about the ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Component   | Component identifier<br>(EC number) | % weight        | Classification of the component according<br>to Regulation 1272/2008 (CLP Regulation)   |
|---|-------------------------------------|-----------------|---|
| 1,2-benzisothiazol -3(2H)-one   | <b>220-120-9</b>                    | <b>&lt;0.01</b> | <b>H302 cat 4</b><br><b>H315 cat 2</b><br><b>H317 cat 1</b><br><b>H318 cat 1</b><br><b>H400 cat 1</b><br><b>H411 cat 2</b>                    |
| Mixture of 5-chloro-2-methyl-2H-<br>isothiazol-3-one and 2-methyl-2H-<br>isothiazol-3-one | <b>911-418-6</b>                    | <b>&lt;0.01</b> | <b>H301 cat 3</b><br><b>H310 cat 2</b><br><b>H314 cat 1c</b><br><b>H317 cat 1a</b><br><b>H330 cat 2</b><br><b>H410 cat 1</b><br><b>EUH071</b> |

The material may also contain residues of monomer, polymerisation catalyst, accelerating agents and fluidizing agents in concentrations below the values that require classification.

For the full text of the H statements see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures (in case of contamination with chemical components of the article)

|  |   |
|--|---|
| General first aid measures                 | Do not give anything orally to an unconscious person; If you feel unwell, seek medical advice.                            |
| First aid measures if inhaled              | Remove the casualty to the open air and maintain at rest; in case of discomfort or irregular breathing consult a doctor.  |
| First aid measures in case of skin contact | Remove contaminated clothing and wash all exposed skin area with mild soap and water followed by rinsing with warm water. |
| First aid measures in case of eye contact  | Rinse immediately with plenty of water, remove any contact lenses, consult a doctor.                                      |
| First aid measures if swallowed            | Rinse the mouth with water; DO NOT induce vomiting, consult a doctor.   |

#### 4.2. Main symptoms and effects, both acute and delayed

|                        |   |
|------------------------|---|
| Effects of eye contact | Foreign body sensation with redness and tearing |
|------------------------|---|

#### 4.3. Indication of any necessity to consult a doctor immediately or of special treatments

In case of exposure to combustion fumes

**SECTION 5: Fire-fighting measures****5.1. Extinguishing media**

Suitable extinguishing media                      Multi-purpose chemical powder; water spray; high expansion foam; sand

Unsuitable extinguishing media                  Carbon dioxide; high flow water jet

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

EPDM rubber generates class A fires, i.e. fires of solid materials leading to the formation of embers.

In the event of a fire, the material burns with the emission of dense, black smoke, which irritates the respiratory tract and eyes.

During combustion the product produces toxic fumes, carbon monoxide, sulphur and nitrogen oxides, hydrogen cyanide.

**5.3. Recommendations for fire-fighters**

Instructions for extinguishing fires              Wear appropriate protective equipment (including personal protective equipment as mentioned in section 8 of the sheet) to prevent contamination of skin, eyes and personal clothing and self-contained breathing apparatus or gas mask with universal filter for outdoor use, self-contained breathing apparatus for indoor use.  
Do not enter the fire area without adequate protective equipment.  
Avoid contamination of surface water and prevent water used in fire-fighting from entering sewers.

**SECTION 6: Measures in case of accidental release****6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For those who do not intervene directly**

Emergency procedures                              No significant risk expected; move away from area.

**6.1.2. For those who intervene directly**

Protective equipment                              Wear personal protective equipment as described in section 8 of the sheet to prevent contamination of skin, eyes and clothing

Emergency procedures                              Remove possible sources of ignition

**6.2. Environmental precautions:**

Do not allow material to contaminate surface water and/or enter sewers.

Inform the relevant authorities if the product enters the sewage system or surface water.

**6.3. Methods and materials for containment and for reclamation**

Cleaning methods                                      The material can be recovered manually or by mechanical means, the product that can no longer be used must be disposed of as special waste

**6.4. Reference to other sections**

See Section 8: Exposure control/personal protection.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Precautions for safe handling                      Wear personal protective equipment as described in section 8 of the sheet to prevent contamination of skin, eyes and clothing.  
Wash hands and other areas of skin exposed to the product with mild soap and water before eating, drinking, smoking and when leaving the workplace.  
Ensure good ventilation of the work area at all times.  
Do not smoke when handling the material

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

|                        |   |
|------------------------|---|
| Storage conditions     | Store only in the original packaging in a cool, well-ventilated place free from sources of ignition. Smoking must be prohibited in storage areas. |
| Incompatible products  | Not expected to present a significant risk under anticipated conditions of normal use.  |
| Incompatible materials | Direct sunlight   |

## 7.3. Specific end uses

No further information available

## SECTION 8: Exposure control/personal protection

### 8.1. Control parameters

Limit values for occupational exposure set by other non-statutory bodies:

|                         |                    |
|-------------------------|--------------------|
| Respirable dusts (PNOS) | 3 mg/mc (TLV-TWA)  |
| Inhalable dusts (PNOS)  | 10 mg/mc (TLV-TWA) |

National biological limit values corresponding to Community limit values: not defined

Biological limit values set by other non-statutory bodies: unknown

#### 8.1.1. Information on monitoring

|                  |  |
|------------------|--|
| Standard EN 689  | Exposure in the workplace - Measurement of inhalation exposure to chemical agents - Strategy for verification of compliance with occupational exposure limit values. |
| Standard EN 481  | Atmosphere in the working environment. Definition of particle size fractions for the measurement of airborne particles.  |
| Standard EN 482  | Exposure in the working environment - General requirements on procedures for the measurement of chemical agents.   |
| Standard EN 1540 | Exposure in the working environment - Terminology  |

#### 8.1.2. Information on the formation of any air pollutants as a result of an intended use

The relevant uses mentioned in 1.2 may result in the formation of a small amount of dust as an air pollutant.

#### 8.1.3. Information from the chemical safety report

No data available

### 8.2. Exposure controls

#### Appropriate technical controls

Minimise dust generation; ensure adequate ventilation of the work area

#### Personal Protective Equipment

|                                 |  |
|---------------------------------|--|
| Eye and face protection         | Wear protective goggles in accordance with the technical standard UNI EN 166:2004.   |
| Skin protection                 | In the event of possible prolonged contact with the skin, use gloves conforming to technical standard UNI EN 374:2020, type F impermeability, class 3 or higher. |
| Respiratory protection          | In case of dust generation use filtering facial devices FP1 or higher grade.   |
| Protection from thermal hazards | Not applicable   |

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**Environmental exposure controls**

Any processing residues should be collected and disposed of as special waste

**Other information**

Do not eat, drink or smoke when using the product

**SECTION 9: Physical and chemical properties****9.1. Information on the fundamental physical and chemical properties of the article**

|                           |   |
|---------------------------|---|
| Physical state            | Solid   |
| Colour                    | Grey  |
| Odour                     | Characteristic                                    |
| Odour detection threshold | Not known   |
| pH                        | Not applicable                                    |
| Melting point             | Not applicable, product decomposes before melting |
| Freezing point            | > 110°  |
| Boiling point             | Not applicable                                    |
| Flash point               | Not flammable                                     |
| Decomposition temperature | Not applicable                                    |
| Solubility in water       | Not soluble                                       |
| Relative density          | Not known   |
| Particle characteristics  | Not applicable                                    |

**Solid**

Characteristic

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The product has no reactivity characteristics

**10.2. Chemical stability**

The product is stable under normal conditions of storage and use

**10.3. Possibility of dangerous reactions**

No adverse reactions are known for the product

**10.4. Conditions to be avoided**

Keep away from sources of heat, sparks, naked flames, hot surfaces. Do not smoke when using the product.

**10.5. Incompatible materials**

None.

**10.6. Dangerous decomposition products**

In case of combustion: carbon oxides, nitrogen oxides, sulphur oxides, hydrogen cyanide

**SECTION 11: Toxicological information****11.1. Information on toxicological effects of the ingredients**

Data taken from the ECHA REACH dossiers for the substances considered.

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| <b>1,2-benzisothiazol-3(2H)-one</b> |   |
|-------------------------------------|---|
| DNEL inhalation exposure            | Long-term systemic effects: 6.81 mg / mc<br>Short-term systemic effects: data not available |
| DNEL dermal exposure                | Long-term systemic effects: 0,97 mg / mc<br>Short-term systemic effects: data not available |
| LD50 oral rat                       | 670 mg/kg   |
| DL50 inhaled rat                    | Data not available  |
| DL50 skin rabbit                    | > 2000 mg/kg/   |
| Eye irritation rabbit               | Negative  |
| Skin sensitisation (guinea pig)     | Positive, cat. 1b   |

| <b>Blend of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one</b> |   |
|--|---|
| DNEL inhalation exposure   | Long-term systemic effects: data not available<br>Short-term systemic effects: data not available |
| DNEL dermal exposure   | Long-term systemic effects: data not available<br>Short-term systemic effects: data not available |
| LD50 oral rat  | 457 mg/kg   |
| LD50 oral rat  | 1,23 mg/mc  |
| DL50 inhaled rabbit  | 660 mg/kg   |
| DL50 skin rabbit   | Positive, category 1 (irreversible effects)   |
| Skin sensitisation (rat)   | Positive, cat. 1a   |

| <b>GREI</b>  |   |
|--|---|
| Acute toxicity - oral route                          | No data available from tests on animals or humans |
| Acute toxicity - dermal/mucosal route                | No data available from tests on animals or humans |
| Acute toxicity - inhalatory route                    | No data available from tests on animals or humans |
| Skin corrosion                                       | No data available from tests on animals or humans |
| Skin irritation                                      | No data available from tests on animals or humans |
| Irreversible effects on the eye - serious eye injury | No data available from tests on animals or humans |
| Reversible effects on the eye - eye irritation       | No data available from tests on animals or humans |
| Respiratory sensitisation                            | No data available from tests on animals or humans |

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|  |   |
|--|---|
| Skin sensitisation   | No data available from tests on animals or humans |
| Germ cell mutagenicity   | No data available from tests on animals or humans |
| Carcinogenicity  | No data available from tests on animals or humans |
| Reproductive toxicity - effects on sexual function and fertility | No data available from tests on animals or humans |
| Reproductive toxicity - effects on development of offspring      | No data available from tests on animals or humans |
| Reproductive toxicity - effects on or via lactation              | No data available from tests on animals or humans |
| Specific target organ toxicity (STOT)<br>Single exposure         | No data available from tests on animals or humans |
| Specific target organ toxicity (STOT)<br>Repeated exposure       | No data available from tests on animals or humans |
| Hazard in case of aspiration                                     | No data available from tests on animals or humans |
| Interference with the endocrine system                           | No data available from tests on animals or humans |
| Other possible effects on humans or possible symptoms            | No data available from tests on animals or humans |

## SECTION 12: Ecological information

### 12.1. Toxicity relating to components

Data taken from the ECHA REACH dossiers for the substances considered.

|             |                   |
|-------------|-------------------|
| <b>GREI</b> | No data available |
|-------------|-------------------|

#### 1,2-benzisothiazol-3(2H)-one

|                             |            |
|-----------------------------|------------|
| PNEC – fresh water          | 4,03 µg/l  |
| PNEC – salt water           | 0,403 µg/l |
| PNEC STP                    | 1,03 mg/l  |
| PNEC sediment (fresh water) | 49,9 µg/Kg |
| PNEC sediment (sea water)   | 4,99 µg/Kg |
| PNEC soil                   | 3 mg/Kg    |

#### Blend of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one

|                             |           |
|-----------------------------|-----------|
| PNEC – fresh water          | 3,39 µg/l |
| PNEC – salt water           | 3,39 µg/l |
| PNEC STP                    | 230 µg/l  |
| PNEC sediment (fresh water) | 27 µg/Kg  |
| PNEC sediment (sea water)   | 27 µg/Kg  |
| PNEC soil                   | 10 µg/Kg  |

### 12.2. Persistence and degradability

Data taken from the ECHA REACH dossiers for the substances considered

|  |   |
|--|---|
| <b>GREI</b>  | No data available                                 |
| <b>1,2-benzisothiazol-3(2H)-one</b>  | Non-biodegradable in water, biodegradable in soil |
| <b>Blend of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one</b> | Easily biodegradable                              |

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### 12.3. Potential bioaccumulation

Data taken from the ECHA REACH dossiers for the substances considered.

|  |                     |  |
|--|---------------------|--|
| <b>GREI</b>  |                     | No data available                        |
| <b>1,2-benzisothiazol-3(2H)-one</b>  | BKC aquatic species | 6,62 (Data from REACH ECHA MDI dossier ) |
|  | Koc                 | No data available                        |
| <b>Blend of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one</b> | BKC aquatic species | 54 (Data from REACH ECHA MDI dossier )   |
|  | Koc                 | No data available                        |

### 12.4. Mobility in soil

No information available

### 12.5. Results of PBT and vPvB assessment

Data taken from the ECHA REACH dossiers for the substances considered.

#### GREI

This mixture does not meet the PBT criteria of REACH Regulation, Annex XIII

#### 1,2-benzisothiazol-3(2H)-one

This mixture does not meet the PBT criteria of REACH Regulation, Annex XIII

#### Blend of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one

This mixture does not meet the PBT criteria of REACH Regulation, Annex XIII

### 12.6. Effects on the endocrine system

No information available

### 12.7. Other adverse effects

Not known

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Send to authorised plants in accordance with current regulations; avoid release to the environment.

Product waste must not be disposed of through the sewage system.

## SECTION 14: Transport information

### 14.1. UN number

|                   |               |
|-------------------|---------------|
| UN number (ADR):  | Not regulated |
| UN number (IMDG): | Not regulated |
| UN number (IATA): | Not regulated |
| UN number (ADN):  | Not regulated |
| UN number (RID):  | Not regulated |

### 14.2. UN proper shipping name

|                                 |               |
|---------------------------------|---------------|
| Official transport name (ADR):  | Not regulated |
| Official transport name (IMDG): | Not regulated |
| Official transport name (IATA): | Not regulated |
| Official transport name (ADN):  | Not regulated |
| Official transport name (RID):  | Not regulated |



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#### 14.3. Transport hazard classes

**ADR**

Transport hazard classes (ADR): Not regulated

**IMDG**

Transport hazard classes (IMDG): Not regulated

**IATA**

Transport hazard classes (IATA): Not regulated

**ADN**

Transport hazard classes (ADN): Not regulated

**RID**

Transport hazard classes (RID): Not regulated

#### 14.4. Packaging group

Packaging group (ADR): Not regulated

Packaging group (IMDG): Not regulated

Packaging group (IATA): Not regulated

Packaging group (ADN): Not regulated

Packaging group (RID): Not regulated

#### 14.5. Environmental hazards

Dangerous for the environment: No

Marine pollutant: No

Transport by tanker: Not applicable

Other information: No further information available

#### 14.6. Special precautions for users

When loading/unloading material, use the precautions already described in section 7 regarding safe handling.

Ensure in advance that it is compatible with other goods that may be loaded.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. EU Standards

The product does not contain substances on the ECHA candidate list referred to in Article 59(10) of the REACH Regulation.

The product is not subject to the Seveso III Directive.

##### 15.2. Chemical safety assessment

A Chemical Safety Assessment (CSA) is not required for this product as it is a non-intentional release article and does not contain any SVHC substances subject to notification to the ECHA Agency.

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**SECTION 16: Other information**

No further information available.

Integral text of relevant H statements

|        |  |
|--------|--|
| H301   | Toxic if swallowed.                                |
| H302   | Harmful if swallowed                               |
| H310   | Causes skin irritation                             |
| H314   | May cause an allergic skin reaction.               |
| H315   | Causes serious eye injury                          |
| H317   | Causes serious eye irritation.                     |
| H318   | Fatal if inhaled                                   |
| H330   | Harmful if inhaled.                                |
| H400   | Very toxic to aquatic life                         |
| H410   | Toxic for aquatic life with long-lasting effects   |
| H411   | Harmful for aquatic life with long-lasting effects |
| EUH071 | Corrosive for the airways                          |

Data sources:

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

ECHA Agency: "Information on Chemicals" database

**ABBREVIATIONS AND ACRONYMS**

|          |  |
|----------|--|
| ADR      | European agreement concerning the international carriage of dangerous goods by road. |
| BFC      | Bioconcentration factor  |
| CAS      | Chemical Abstracts Service (division of the American Chemical Society).              |
| CLP      | Classification, Labelling, Packaging.  |
| DL50     | Lethal dose, in a single administration, for 50% of the sample                       |
| DNEL     | Derived no-effect limit  |
| IATA     | International air transport association.   |
| IATA-DGR | Dangerous goods regulations of the "International air transport association" (IATA). |
| ICAO     | International civil aviation organisation.   |
| ICAO-TI  | Technical instructions of the "International civil aviation organisation" (ICAO).    |
| IMDG     | International maritime dangerous goods code.   |
| Koc      | Partition coefficient between organic carbon in soil and water                       |
| OSHA     | Occupational Safety and Health Administration (USA)                                  |
| PNEC     | Predicted no-effect concentration  |
| PNOS     | Insoluble or poorly soluble particles not otherwise specified                        |
| PBT      | Biopersistent, accumulative and toxic substance                                      |

**This document has been prepared by a competent chemical safety technician who has received appropriate training.**

**The data and information contained in this sheet are based on the knowledge available to us at the date of the last revision. Therefore, they should not be interpreted as a guarantee of any specific properties of the product.**

**No assurance can be given that all possible safety measures are contained in this safety data sheet and that consequently no additional measures may be required under special or exceptional conditions or circumstances.**

**The user must make sure of the suitability and completeness of the information, with relation to the particular use he has to make of the product.**

**This sheet cancels and replaces any previous edition.**