SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and company/undertaking

1.1 Product identifier
Sugru Mouldable Glue - Family-Safe | Skin-Friendly Formula

1.2 Relevant identified uses of the substance or mixture and uses advised against
Mouldable self-adhesive silicone.
Uses advised against: not available.

1.3 Details of the supplier of the safety data sheet
FormFormForm Ltd, Unit 2, 47-49 Tudor Road, London, E9 7SN, UK; Tel +44 (0) 20 7998 0022.

1.4 Emergency telephone number
+44 (0) 20 7998 0022 (UK business hours).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008
This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No. 1272/2008, and it is not mandatory to supply a safety data sheet, but this document contains information and advice concerning safe handling of the product.

2.2 Label elements

Pictogram
None.

Signal word
None.

Hazard statements
None.

Precautionary statements
None.

Supplemental information
None.

2.3 Other hazards
25–50% of the mixture consists of ingredients of unknown acute toxicity.
Contains 25–50% of components with unknown hazards to the aquatic environment.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

<table>
<thead>
<tr>
<th>Declarable components</th>
<th>Conc. (wt%)</th>
<th>EC No.</th>
<th>CAS No.</th>
<th>Reg. No.</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other components</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymethylsiloxane, silyl terminated</td>
<td>25–50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>Not classified</td>
</tr>
<tr>
<td>Talc</td>
<td>10–25</td>
<td>238-877-9</td>
<td>14807-96-6</td>
<td>NA</td>
<td>Not classified</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

Revision: 19 September 2017

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- **Inhalation**
  
  If inhalation of the product is suspected, remove exposed person to fresh air, and give rest. If the patient continues to feel unwell, get prompt medical attention.

- **Skin**
  
  Wash affected area with soap and water. Get medical attention if irritation or other symptoms occur. Launder contaminated clothing before re-use.

- **Eye**
  
  In case of contact with eyes, irrigate with room-temperature water or eyewash solution for several minutes, occasionally lifting eyelids. Remove any contact lenses if easy to do. Get medical advice if irritation persists.

- **Ingestion**
  
  If swallowed, wash out mouth thoroughly and give water to drink. Get prompt medical attention if symptoms occur. Do not induce vomiting, unless instructed by medical personnel.

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

Not available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptoms as they occur.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- **Suitable**
  
  General fire-extinguishing agents such as water, carbon dioxide, and dry chemicals.

- **Unsuitable**
  
  Not available.

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

The product is not flammable, but will decompose if involved in a fire, producing smoke, and toxic fumes and gases.

#### 5.3 Advice for firefighters

Remove containers from fire or cool them with water spray. Firefighters should wear self-contained breathing apparatus and full protective clothing.
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
For large-scale spills, ensure personal protection is worn. Ventilate area. Follow prescribed procedures for responding to large spills and reporting to authorities.

6.2 Environmental precautions
Prevent product or run-off from clean-up operations from entering water courses or drainage system.

6.3 Methods and material for containment and cleaning up
Carefully sweep up or collect product, and place in suitable container for disposal. Wash contaminated surfaces with water, and collect washings for safe disposal.

6.4 Reference to other sections
For recommended personal protective equipment, see Section 8. For disposal considerations, see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
For industrial or commercial use, avoid contact with skin and eyes. Wear protective clothing as in Section 8. Good general ventilation is recommended.

7.2 Conditions for safe storage, including any incompatibilities
Keep containers in a cool, dry place away from direct sunlight. Store in sealed containers. Keep containers closed when not in use.

7.3 Specific end use(s)
Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
EU limit values
None.

UK limit values
Talc, respirable dust: WEL: TWA 1 mg/m\(^3\).
Silica, amorphous: WEL: 8 h TWA, 6 mg/m\(^3\) (inhalable), 2.4 mg/m\(^3\) (respirable).

French limit values
None.

Monitoring procedure
BS EN 14042:2003: Workplace Atmospheres; Guide for the Application and Use of Procedures for the Assessment of Exposure to Chemical and Biological Agents, or specific national equivalent.

Other: human health (DNELs, DMELs)
Silicon dioxide: DNEL: worker, long-term exposure, systemic effects, inhalation, 4 mg/m\(^3\).

Other: environmental (PNEC)
Not available.

8.2 Exposure controls
Engineering controls
For industrial and commercial use, good general ventilation is recommended.

Personal protective equipment
For industrial and commercial use, the need for personal protective equipment should be based on a workplace risk assessment for the
Avoid skin and eye contact by wearing chemical resistant gloves (e.g. nitrile, neoprene, PVC) and safety goggles. Where more extensive contact may occur, wear suitable protective clothing (e.g. overalls). Wear respiratory protective equipment if exposure to dusts or vapours is possible during product processing. PPE should be to European (EN) standards. Consult manufacturers concerning breakthrough times. After work, wash hands before smoking, eating, or drinking.

Environmental exposure controls Not available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- **Appearance**: Highly coloured paste
- **Odour**: Characteristic
- **Odour threshold**: Not available
- **pH**: Not available
- **Melting/freezing point**: Not available
- **Initial boiling point/range**: Not available
- **Flash point**: Not available
- **Evaporation rate**: Not available
- **Flammability (solid, gas)**: Not applicable
- **Flamm. or expl. limits**: Not available
- **Vapour pressure**: Not available
- **Vapour density**: Not available
- **Relative density**: Not available
- **Solubilities**: Insoluble in water
- **Partition coeff. (K_{ow})**: Not available
- **Auto-ignition temp.**: Not available
- ** Decomposition temp.**: Not available
- **Viscosity**: Not available
- **Explosive properties**: Not available
- **Oxidising properties**: Not available

9.2 Other information Not available

SECTION 10: Stability and reactivity

10.1 Reactivity Not available
### 10.2 Chemical stability

Product is supplied in sealed containers. Opening the container and exposing the product to moisture will cause the product to self-react to form a cured polymer. The polymerisation reaction is not hazardous.

### 10.3 Possibility of hazardous reactions

Not available.

### 10.4 Conditions to avoid

Avoid prolonged storage at high temperature or exposure to sunlight.

### 10.5 Incompatible materials

Acids, bases, and oxidising agents.

### 10.6 Hazardous decomposition products

Not available.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Toxicological Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Based on available data, the classification criteria are not met. Some ingredients present at low concentration have been identified with irritant properties.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified due to lack of data.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified due to lack of data. Talc not containing asbestos or asbestiform fibres: classified by IARC as Group 3: not classifiable as to its carcinogenicity to humans. Silicate filler: IARC classify as Group 3: not classifiable as to its carcinogenicity to humans.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified due to lack of data.</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>Not classified due to lack of data.</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>Not classified due to lack of data.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified due to lack of data.</td>
</tr>
</tbody>
</table>

### SECTION 12: Ecological information

#### 12.1 Toxicity

In the environment, the product will react with moisture to form a polymer, which is unlikely to be toxic to aquatic life due to its high molecular weight.

#### 12.2 Persistence and degradability

In the environment, the product will react with moisture to form a polymer, which is expected to persist in the environment.

#### 12.3 Bioaccumulative potential

Not available.

#### 12.4 Mobility in soil

The polymer is insoluble in water and non-volatile, and will persist in the environment.
SECTION 13: Disposal considerations

13.1 Waste treatment methods
Incineration or landfill are the recommended methods of disposal for the product, or the polymer it forms on reaction with air. Dispose of contaminated product, empty containers and materials used in cleaning up spills or leaks in accordance with current national and local regulations. Chemical residues generally count as special waste. General EU requirements are given in Directive 2008/98/EC.

SECTION 14: Transport information

14.1 UN Number
Not classified as dangerous goods for transport.

14.2 UN proper shipping name
Not applicable.

14.3 Transport hazard class(es)
Not applicable.

14.4 Packing group
Not applicable.

14.5 Environmental hazards
Not classified as marine pollutant/environmentally hazardous.

14.6 Special precautions for user
Not available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
UK: Workplace Exposure Limits EH40/2005, with 2007 supplement, Health and Safety Executive; Control of Substances Hazardous to Health Regulations 2002 (COSHH), as amended.

15.2 Chemical safety assessment
Not available.

SECTION 16: Other information

Revisions
This SDS is the first version in EU format.

Abbreviations
DNEL, derived no-effect level; DMEL, derived minimum effect level; PBT, persistent, bioaccumulative, and toxic; PNEC, predicted no-effect concentration; STEL, short-term exposure limit; TWA, time-weighted average.
average; WEL, UK workplace exposure limit; vPvB, very persistent, very bioaccumulative.

References
GESTIS International Limit Values; Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA); http://www.dguv.de.

Basis of classification
The mixture is self-classified on the basis of available information on the ingredients.

List of hazard statements
None.