SECTION 1: Identification

1.1 Product identifier used on the label
Sugru (all colours)

1.2 Other identification
Not available.

1.3 Recommended use of the chemical and restrictions on use
Mouldable self-adhesive silicone. Uses advised against: not available.

1.4 Manufacturer, importer, or other responsible party
Sugru, Inc.
c/o HOVS, 38120 Amrhein, Livonia, MI 48150, USA
877-990-9888
hello@sugru.com

Manufacturer
FormFormForm Ltd, Unit 2, 47-49 Tudor Road, London E9 7SN.
+44 (0) 20 7998 0022 (UK business hours)

1.5 Emergency phone number
+44 (0) 20 7998 0022 (UK business hours)

SECTION 2. Hazard(s) identification

2.1 Classification of the chemical in accordance with paragraph (d) of § 1910.1200
Not hazardous according to the OSHA Hazard Communication Standard 2012.

2.2 Symbols, signal word, hazard and precautionary statements

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>Signal word</th>
<th>Hazard statements</th>
<th>Precautionary statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>None.</td>
<td>None.</td>
<td>None.</td>
<td>None.</td>
</tr>
</tbody>
</table>

2.3 Other hazards
Not available.

2.4 Statement of unknown hazard
Ca. 40% of the mixture consists of ingredients of unknown acute toxicity.

Section 3. Composition/information on ingredients

3.1 Mixtures

<table>
<thead>
<tr>
<th>Declarable components</th>
<th>Conc (wt%)</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyltris(methylthylketoxime) silane</td>
<td>1 to 5</td>
<td>22984-54-9</td>
</tr>
<tr>
<td>3-Aminopropyltriethoxysilane</td>
<td>0.01 to 1</td>
<td>919-30-2</td>
</tr>
</tbody>
</table>

Other components

| KETOXIME FUNCTIONAL POLYDIMETHYSILOXANE | 25-50 | NA       |
| Talc                                   | 25-50 | 14807-96-6|
| Additives                              | 25-50 | Trade secret |

NA: not available
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 Remove contaminated clothing and 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 water for 15 minutes, occasionally lifting eyelids. Remove any contact lenses if easy to do. Get prompt medical advice if irritation occurs.

Ingestion If swallowed, 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/effects, acute and delayed

May cause sensitization by skin contact in some individuals.

4.3 Indication of immediate medical attention and special treatment needed

Treat symptoms as they occur.

Section 5. Fire-fighting measures

5.1 Extinguishing media

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

Unsuitable Not available.

5.2 Specific hazards arising from the chemical

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

5.3 Special protective equipment 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 full personal protection is worn. Keep unauthorised personnel from the spillage area. Ventilate area. Follow prescribed procedures for responding to large spills and reporting to authorities.

For recommended personal protective equipment, see Section 8.

For disposal considerations, see Section 13.

6.2 Method and material for containment and cleaning up

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

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

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.
Section 8. Exposure controls/personal protection

8.1 Control parameters
Exposure limits
Talc, containing no asbestos fibers: ACGIH TLV TWA: 2 mg/m³ (respirable fraction, containing <1% crystalline silica); OSHA PEL: TWA 20 mppcf (containing <1% quartz); NIOSH REL: TWA 2 mg/m³ (respirable dust, containing <1% quartz).
Barium sulphate: ACGIH TLV: TWA 5 mg/m³ (inhalable fraction); OSHA PEL: TWA 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction); NIOSH REL: TWA 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).
Methyl ethyl ketoxime (MEKO): AIHA WEEL TWA: 10 ppm (dermal sensitization).

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

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

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Highly coloured paste</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Initial boiling point/range</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flamm. or expl. limits</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubilities</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Partition coeff. (log Kow)</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition temp.</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition temp.</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
</tbody>
</table>

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 air will cause the product to self-react to form a cured polymer. The polymerisation reaction is not hazardous, but produces a small quantity of methyl ethyl ketoxime (MEKO)

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

Acute toxicity Based on available data, the classification criteria are not met.

Skin corrosion/irritation Based on available data, the classification criteria are not met.
Some ingredients present at low concentration have been identified with irritant properties.

Serious eye damage / irritation Based on available data, the classification criteria are not met.
Some ingredients present at low concentration have been identified with irritant properties.

Respiratory or skin sensitization Based on available data, the classification criteria are not met.
Some ingredients present at low concentration have been identified with irritant properties. May cause sensitization in some individuals.

Germ cell mutagenicity Not classified due to lack of data
Carcinogenicity Not classified due to lack of data
Reproductive toxicity Not classified due to lack of data
STOT-single exposure Not classified due to lack of data
STOT-repeated exposure Not classified due to lack of data
Aspiration hazard Not classified due to lack of data

Section 12. Ecological information

12.1 Ecotoxicity Not available.

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 involatile, and will persist in the soil compartment.

12.5 Other adverse effects Not available.

Section 13. Disposal considerations

13.1 Waste treatment methods Incineration and landfill are the recommended methods of disposal for the product, or the polymer it forms on reaction with moisture. Dispose of contaminated product, empty containers and materials used in cleaning up spills or leaks in accordance with current federal and local regulations. Chemical residues from industrial use generally count as special waste.

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 environmentally hazardous for transport.
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 specific for the substance or mixture

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Section 302 (EHS TPO)</th>
<th>Section 304 EHS RQ</th>
<th>CERCLA RQ</th>
<th>Section 313</th>
<th>RCRA Code TQ</th>
<th>CAA 112(r) TQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
EPCRA (Emergency Planning and Community Right-to-Know Act): Section 302: Extremely Hazardous Substances (EHS), Threshold Planning Quantity (TPQ) in 40 CFR 355; EPCRA Section 304 gives EHS reportable quantities (RQ); Section 313 Toxic Chemicals, subject to annual reporting (40 CFR 372).
CERCLA (Comprehensive Environmental Response Compensation and Liability Act). Hazardous Substances; accidental release of substances above the Reportable Quantity (RQ) listed requires reporting; local reporting requirements may be in force.
CAA Substances for Accidental Release Prevention: Clean Air Act 112 (r), Hazardous Air Pollutants; Threshold Quantities (TQ).

Section 16: Other information

Revisions
This SDS is the first version in US format.

Abbreviations
ACGIH, American Conference of Governmental Industrial Hygienists; AIHA, American Industrial Hygiene Association; NIOSH, US National Institute for Occupational Safety and Health; OSHA, US Occupational Safety and Health Administration; PEL, permitted exposure limit; REL, recommended exposure limit; STOT RE, specific organ toxicity repeated exposure; STOT SE, specific target organ toxicity single exposure; TWA, time-weighted average; WEEL, Workplace Environmental Exposure Level.

References
List of Lists; Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-To-Know Act (EPCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and Section 112(r) of the Clean Air Act; US EPA; October 2012.

Basis of classification
The substance is classified on the basis of available information on the ingredients and expert judgement of the product.