

SAFETY DATA SHEET

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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 ^{a,b}

<i>Declarable components</i>	<i>Conc. (wt%)</i>	<i>EC No.</i>	<i>CAS No.</i>	<i>Reg. No.</i>	<i>Classification</i>
None					
<i>Other components</i>					
Polydimethylsiloxane, silyl terminated	25–50	NA	NA	NA	Not classified
Talc	10–25	238-877-9	14807-96-6	NA	Not classified

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Silicate filler	10–25	NA	NA	NA	Not classified
Additives (including silicon dioxide)	10–25			NA	Not classified

^a NA: not available.^b See Section 16 'Other information' for full text of the H-statements.

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.

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SECTION 6: Accidental release measures

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| 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

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| 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

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| 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

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| 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 |

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 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 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.

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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

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.
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 sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Not classified due to lack of data.
Carcinogenicity	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.
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 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

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	soil compartment.
12.5 Results of PBT and vPvB assessment	Not available.
12.6 Other adverse effects	Not available.

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.
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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	<i>UK:</i> 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

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	average; WEL, UK workplace exposure limit; vPvB, very persistent, very bioaccumulative.
References	Search for chemicals; available at the European Chemicals Agency (ECHA) website: http://echa.europa.eu/ . GESTIS International Limit Values; Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA); http://www.dguv.de . EU Indicative Occupational Exposure Limit Values (IOELVs): Directives 2000/39/EC, 2006/15/EC and 2009/161/EU.
Basis of classification	The mixture is self-classified on the basis of available information on the ingredients.
List of hazard statements	None.