



SAFETY DATA SHEET
TG-PP10 SILICONE THERMAL PUTTY

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

1.1. Product identifier

Product name: TG-PP10 SILICONE THERMAL PUTTY

Product code: TG-PP10

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

Use of substance / mixture: Thermally Conductive Silicone for electronic components

1.3. Details of the supplier of the safety data sheet

Company name: t-Global Technology Ltd

Unit 1 and 2 Cosford Business Park

Central Park

Lutterworth

LEICS

LE17 4QU

United Kingdom

Tel: 01455 553510

Email: sales@tglobaltechnology.com

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

Other hazards: Not applicable.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Non-classified ingredients:

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ADDITIVE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	PROPRIETARY	-	-	1-5%

FILLER

-	PROPRIETARY	-	-	70-80%
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SILICONE RESIN

-	68083-19-2	-	-	5-15%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Flush with water for 15 minutes and seek medical advice if pain persists.

Ingestion: Rinse out mouth and drink plenty of water. Seek medical treatment.

Inhalation: Remove to fresh air if effects occur. Consult a doctor.

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

Skin contact: Irritation or pain may occur at the site of contact.

Eye contact: There may be irritation and pain.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide, dry chemical, water jet or foam.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Keep containers, if exposed to fire cool with water.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Environmental precautions: Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground or soil.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb with sand or sawdust.

[cont...]

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6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid contact with eyes or skin. Wear goggles and rubber gloves.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in tightly closed containers at room temperature.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Not necessary if room well ventilated.

Hand protection: Rubber gloves.

Eye protection: Safety glasses.

Skin protection: Plastic apron.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Putty

Colour: White

Odour: Odourless

Solubility in water: Insoluble

Viscosity: Viscous

Boiling point/range°C: No data available.

Flash point°C: >150

Autoflammability°C: 290

Vapour pressure: No data available.

Relative density: 3.3

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

[cont...]

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10.3. Possibility of hazardous reactions

Hazardous reactions: Will not occur by itself, but masses of more than 500 grams of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build-up.

10.4. Conditions to avoid

Conditions to avoid: Excess heating over long periods of time degrades the resin.

10.5. Incompatible materials

Materials to avoid: Bases. Acids. Amines. Oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: The by-products of incomplete combustion are mainly phenolics, carbon monoxide, oxides of nitrogen and water.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: Irritation or pain may occur at the site of contact.

Eye contact: There may be irritation and pain.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not applicable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Not applicable.

12.4. Mobility in soil

Mobility: Not applicable.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Disposal should be in accordance with local, state or national legislation.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]

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Section 14: Transport information

14.1. UN number

UN number: UNNONE

14.2. UN proper shipping name

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

14.3. Transport hazard class(es)

Transport class: Unrestricted

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Section 15: Regulatory information

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

Specific regulations: Classification according to The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and Insudtry Code of Practice on Chemicals Classification and Hazard Communication (ICOP)

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.