

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 22, 2025

Version No.: 1.0

Trade Name: Therapy Putty

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

• **1.1 Product identifier**

• **Trade name:**

• **Therapy Putty**

• **Registration number:**

No available data.

• **UFI number:**

No available data.

• **Other means of identification:**

No available data.

• **1.2 Relevant identified uses of the substance or mixture and uses advised against on**

• **Application of the substance/ mixture:**

Consumer uses, toys.

• **Uses advised against:**

No available data.

• **Reason why uses advised against:**

No available data.

• **1.3 Details of the supplier of the safety data sheet**

• **Manufacturer/Supplier:**

YIWU GREATEAM TOY CO.,LTD/GreaTeam Industrial Co., Limited

No46,Baima Rd, Fotang, Yiwu, Zhejiang, China.

Tel: 0579-85725114

Email: support@greateam.biz

• **Only Representative/other EU contact point:**

No information available.

• **Further information obtainable from:**

See SECTION 16

• **1.4 Emergency telephone number**

Tel: 0579-85725114

SECTION 2: Hazards identification

• **2.1 Classification of the substance or mixture**

• **2.1.1 Classification according to regulation (EC) 1272/2008:**

The product is not classified according to CLP Regulation.

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Not applicable	Not applicable

• **2.2 Label elements**

• **Labeling according to Regulation (EC) No 1272/2008:**

The product is not labelled according to Regulation (EC) No 1272/2008.

• **Hazard pictograms:**

Not applicable

• **Signal word:**

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Not applicable

- **Hazard-determining components of labelling:**

Not applicable

- **Hazard statements:**

Not applicable

- **Precautionary statement:**

Not applicable

- **Supplemental label elements:**

Not applicable

- **2.3 Other hazards**

None of the ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII.None of the ingredients ($\geq 0.1\%$) is identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

- **3.1 Substance**

Not applicable

- **3.2 Mixtures**

- **Description of the mixture:**

Therapy Putty

Ingredients:

Substance	CAS No.	EC No.	w/w, %	CLP Classification
Silicon Dioxide	60676-86-0	262-373-8	7.55	None
Polydimethylsiloxane	70131-67-8	615-070-3	91.37	Eye Irrit. 2, H319 Skin Irrit. 3, H316
Borax	1303-96-4	215-540-4	0.50	Eye Irrit. 2, H319 Repr. 1B, H360FD
2-Phenoxyethanol	122-99-6	204-589-7	0.58	Acute Tox. 4, H302 Eye Dam. 1, H318 STOT SE 3, H335

Additional information:

For full text of H-statements, see SECTION 16.

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SECTION 4: First aid measures**· 4.1 Description of first aid measures****General advice:**

Get medical attention if you feel unwell.

After inhalation:

Supply with fresh air.

Get medical attention if you feel unwell.

After skin contact:

Wash with water.

If there are signs of irritation or other symptoms, seek medical attention.

After eye contact:

Rinse cautiously with water for several minutes.

If eye irritation occurs: Get medical advice/attention.

After swallowing:

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

· 4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are as indicated in sections 2 and 11.

· 4.3 Indication of any immediate medical attention and special treatment needed:

Treat according to symptom, there is not known specific medicine.

SECTION 5: Fire-fighting measures**· 5.1 Extinguishing media****· Suitable extinguishing agents:**

Use CO₂, chemical powder, water spray or alcohol resistant foam to extinguish.

· Unsuitable extinguishing media:

No known unsuitable extinguishing media.

· 5.2 Special hazards arising from the substance or mixture:

No special hazards arising from the mixture.

· 5.3 Advice for firefighters**Protective equipment:**

Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures**· 6.1 Personal precautions, protective equipment and emergency procedures****· 6.1.1 For non-emergency personnel**

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Protective equipment:

Eye protection/respiration protection.

Emergency procedures:

Ensure adequate ventilation.

Avoid contact with eyes.

• **6.1.2 For emergency responders**

Personal protective equipment:

Eye protection/respiration protection.

• **6.2 Environmental precautions:**

Prevent further leakage or spillage if safe to do so.

Prevent spillage from entering drains, sewer, basement or confined areas.

If the spillage contaminates rivers, lakes or drains inform respective authorities.

• **6.3 Methods and material for containment and cleaning up:**

Pick up mechanically.

Dispose contaminated material as waste according to section 13.

• **6.4 Reference to other sections:**

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

SECTION 7: Handling and storage

• **7.1 Precautions for safe handling:**

Avoid contact with eyes.

• **Information about fire and explosion protection:**

Normal measures for preventive fire protection.

• **7.2 Conditions for safe storage, including any non-compatibility**

• **Requirements to be met by storerooms and receptacles:**

Store in a cool and well-ventilated place.

• **Information about storage in one common storage facility:**

No further requirements.

• **Further information about storage conditions:**

No further requirements.

• **Storage class:**

13.

• **7.3 Specific end use(s):**

See section 1.2.

SECTION 8: Exposure controls/personal protection

• **8.1 Control parameters**

• **Ingredients with limit values that require monitoring at the workplace:**

• No requirements.

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· 8.2 Exposure controls

· *Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.*

· **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

· **Personal protective equipment**

· **Eye and face protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

· **Skin protection**

· **Hand protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.3mm; breakthrough times up to 480 minutes).

· **Other skin protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Face protection



Safety boots



Safety overalls

Face shield, gauntlets, boots, bodysuit are recommended.

· **Respiration protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Respiratory equipment

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

· **Thermal hazards:**

Not required under normal conditions of use.

For industrial applications, following protection required:

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

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SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· <i>Physical state</i>	<i>Soft colloid</i>
· <i>Color</i>	<i>Various</i>
· <i>Odor & Odor threshold</i>	<i>Weak odor</i>
· <i>Melting point/freezing point (or softening point/range)</i>	<i>Not determined</i>
· <i>Boiling point or initial boiling point and boiling range</i>	<i>Not applicable</i>
· <i>Flammability</i>	<i>Not flammable solid</i>
· <i>Lower and upper explosion limit</i>	<i>Not determined</i>
· <i>Flash point</i>	<i>Not determined</i>
· <i>Auto-ignition temperature</i>	<i>Not determined</i>
· <i>Decomposition temperature</i>	<i>Not applicable</i>
· <i>pH</i>	<i>Not applicable</i>
· <i>Kinematic viscosity (mm²/s)</i>	<i>Not applicable</i>
· <i>Solubility</i>	<i>Insoluble in water</i>
· <i>Partition coefficient n-octanol/water (log value)</i>	<i>Not applicable</i>
· <i>Vapor pressure</i>	<i>Not determined</i>
· <i>Density and/or relative density</i>	<i>Not determined</i>
· <i>Relative vapor density</i>	<i>Not determined</i>
· <i>Particle characteristics</i>	<i>Not determined</i>

· 9.2 Other information

· 9.2.1 Information with regard to physical hazard classes:

· <i>Explosives</i>	<i>Not applicable</i>
· <i>Flammable gases</i>	<i>Not applicable</i>
· <i>Aerosols</i>	<i>Not applicable</i>
· <i>Oxidising gases</i>	<i>Not applicable</i>
· <i>Gases under pressure</i>	<i>Not applicable</i>
· <i>Flammable liquids</i>	<i>Not applicable</i>
· <i>Flammable solids</i>	<i>Not applicable</i>
· <i>Self-reactive substances and mixtures</i>	<i>Not applicable</i>
· <i>Pyrophoric liquids</i>	<i>Not applicable</i>
· <i>Pyrophoric solids</i>	<i>Not applicable</i>
· <i>Self-heating substances and mixtures</i>	<i>Not applicable</i>
· <i>Substances and mixtures, which emit flammable gases in contact with water</i>	<i>Not applicable</i>
· <i>Oxidizing liquids</i>	<i>Not applicable</i>
· <i>Oxidizing solids</i>	<i>Not applicable</i>
· <i>Organic peroxides</i>	<i>Not applicable</i>
· <i>Corrosive to metals</i>	<i>Not applicable</i>
· <i>Desensitised explosives</i>	<i>Not applicable</i>

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· 9.2.2 Other safety characteristics	
· Mechanical sensitivity	<i>Not applicable</i>
· Self-accelerating polymerisation temperature	<i>Not applicable</i>
· Formation of explosible dust/air mixtures	<i>Not applicable</i>
· Acid/alkaline reserve	<i>Not applicable</i>
· Evaporation rate	<i>Not applicable</i>
· Miscibility	<i>Not applicable</i>
· Conductivity	<i>Not applicable</i>
· Corrosiveness	<i>Not applicable</i>
· Gas group	<i>Not applicable</i>
· Redox potential	<i>Not applicable</i>
· Radical formation potential	<i>Not applicable</i>
· Photocatalytic properties	<i>Not applicable</i>
· Other physical and chemical parameters	<i>Not determined</i>

SECTION 10: Stability and reactivity

· 10.1 Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

· 10.2 Chemical stability:

Under storage at normal ambient temperatures, the product is stable.

· 10.3 Possibility of hazardous reactions:

No known hazardous reaction.

· 10.4 Conditions to avoid:

High temperature.

· 10.5 Incompatible materials:

Strong oxidizing agent and acids.

· 10.6 Hazardous decomposition products:

Does not decompose when used for intended uses.

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SECTION 11: Toxicological information

• 11.1 Information on toxicological effects

• Acute toxicity:

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

• LD50/LC50 values relevant for classification:		
70131-67-8 Polydimethylsiloxane		
Mouse	LD50-oral	>15mL/kg
	LD50-intraperitoneal	5-10mL/kg
Rat	LD50-oral	>20mL/kg
	LC50-inhalation	>20mg/L
122-99-6 2 - Phenoxyethanol		
Mouse	LD50-oral	933mg/kg
Rabbit	LD50-skin	5ml/kg
Rat	LD50-oral	1260mg/kg
	LC50-skin	14422mg/kg
1303-96-4 Borax		
Rat	LD50-oral	2660mg/kg
Mouse	LD50-oral	2000mg/kg
Guinea pig	LD50-oral	5330mg/kg
Remark: All the above data are from literature.		

• Skin corrosion/irritation:

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

• Serious eyes damage/ irritation:

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

• Respiratory or skin sensitization:

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

• Germ cell mutagenicity:

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

• Carcinogenicity:

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

• Reproductive toxicity:

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

• STOT-single exposure:

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

• STOT-repeated exposure:

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

• Aspiration hazard:

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

• 11.2 Information on other hazards

• 11.2.1 Endocrine disrupting properties:

None of the ingredients ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

• 11.2.2 Other information:

No known other relevant information on adverse health effects.

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SECTION 12: Ecological information

12.1 Toxicity:

LC50/EC50/NOEC values relevant for classification:	
122-99-6 2-Phenoxyethanol	
Short-term toxicity to fish	LC50 (4 days) 344 mg/L NOEC (4 days) 100 mg/L
Long-term toxicity to fish	NOEC (34 days) 23mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 488 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 9.43 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 443 mg/L NOEC (72 h) 159 mg/L
Toxicity to aquatic plants other than algae	EC50 (16 h) 1.494 g/L
70131-67-8 Polydimethylsiloxane	
Short-term toxicity to fish	LC50 (4 days) >10000 mg/L
Long-term toxicity to fish	NOEC (60days) >1000mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) >10000 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) >500mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (96h) >5000mg/L
Toxicity to aquatic plants other than algae	EC50 (14days) >1000g/L

12.2 Persistence and degradability:

122-99-6	2-Phenoxyethanol	Biodegradation: 82%/17d Zahn-Wellens test; Readily Biodegradable Readily eliminable (DOC reduction >70%).
60676-86-0	Silicon Dioxide	Extremely persistent in the environment; half-life > 1,000 years in soil/water. Biodegradation is negligible under normal conditions
70131-67-8	Polydimethylsiloxane	Persistent in the environment; half-life > 100 years in soil/sediment. Biodegradation is limited in wastewater treatment

12.3 Bio-accumulative potential:

122-99-6	2-Phenoxyethanol	Log Koc= 1.61
60676-86-0	Silicon Dioxide	Log Pow ≈ -1.5-0.5
70131-67-8	Polydimethylsiloxane	Log Pow ≈ 4-5

12.4 Mobility in soil:

122-99-6	2-Phenoxyethanol	Log Pow= 1.2
60676-86-0	Silicon Dioxide	Log Koc ≈ 2.5-3.5
70131-67-8	Polydimethylsiloxane	Log Koc ≈ 2-3

12.5 Results of PBT and vPvB assessment:

This mixture does not contain any substances (≥0.1%) that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties:

None of the ingredients (≥0.1%) is considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

12.7 Other adverse effects:

No known other adverse effects.

12.8 Additional ecological information

General notes:

WGK1 (German Regulation) (self-assessment): Low hazard to waters.

Do not allow large quantities of the product to reach ground water, water course or sewage system.

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SECTION 13: Disposal consideration

• **13.1 Waste treatment methods**

• **Recommendation:**

Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local/regional/national/ international regulation.

• **13.2 Un-cleaned packaging**

• **Recommendation:**

Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

• ADR/ADN/RID (2023 Edition)	This product is not subject to ADR/ADN/RID.
• IATA-DGR (64th)	This product is not subject to IATA-DGR.
• IMO/IMDG (40-20)	This product is not subject to IMO/IMDG code.

SECTION 15: Regulatory information

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

• **MAK (German Maximum Workplace Concentration):**

None of the ingredients is listed.

• **Directive 2012/18/EU**

• **Named dangerous substances-ANNEX I:**

None of the ingredients is listed.

• **Seveso category:**

Not applicable

• **Qualifying quantity (tonnes) for the application of lower-tier requirements:**

Not applicable

• **Qualifying quantity (tonnes) for the application of upper-tier requirements:**

Not applicable

• **National regulations.**

• **Water hazard class:**

WGK1 (German Regulation) (self-assessment): Low hazard to waters.

• **Other regulations, limitations and prohibitive regulations**

• **SVHC Candidate list of REACH Regulation Annex XIV Authorization:**

None of the ingredients is listed.

• **REACH Regulation Annex XVII Restriction:**

1303-96-4

Borax

Toxic for reproduction (Article 57c)

• **REACH Regulation Annex XIV Authorization List:**

None of the ingredients is listed.

• **15.2 Chemical safety assessment:**

A Chemical Safe Assessment has not been carried out.

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SECTION 16: Other information

• **16.1 Indication of changes:**

None.

16.2 Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

vPvB: very persistent and very bio accumulative

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

Acute Tox. 4: Acute toxicity, hazard category 4

Skin Irrit.2: Skin corrosion/irritation, hazard category 2

Skin Sens. 1: Skin sensitization, hazard category 1

Eye Dam. 1: Eye damage/irritation, hazard category 1

Eye Irrit. 2: Eye damage/irritation, hazard category 2

STOT SE 3: Specific target organ toxicity after single exposure, hazard category 3

Muta.2: Germ cell mutagenicity, hazard category 2

Carc. 1B: Carcinogenicity, hazard category 1B

Repr.1B: Reproductive toxicity, hazard category 1B

• **16.3 Key literature references and sources for data:**

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

<http://www.imo.org/>

<https://www.dguv.de/>

<https://epa.govt.nz/>

<http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

<https://hpvchemicals.oecd.org/ui/Serach.aspx>

• **16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:**

See section 2.1 (classification).

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16.5 Relevant H- and EUH-phrases (number and full text):

H302 Harmful if swallowed

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H319 Causes serious eye irritation

H330 Fatal if inhaled

H332 Harmful if inhaled

H335 May cause respiratory irritation

H341 Suspected of causing genetic defects

H350 May cause cancer

H360Fd May damage fertility. Suspected of damaging the unborn child

• 16.6 Training advice:

Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

16.7 Further information:

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of safety data sheet