Material Safety Data Sheet

File No. : MSDS-Clear Fidget Putty 001-170323
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1. Identification of the substance / Preparation and of the company

Product Name : Clear Fidget Putty

Manufacturer Name : GreaTeam Industrial Co.,Limited / Yiwu GreaTeam Toy Co., Ltd.

Address : NO46, BAIMA RD, YINAN INDUSTRIAL DISTRICT, FOTANG, YIWU, ZHEJIANG

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2 Hazards Identification

Fatalness grade: In accordance with Regulation (EC) No. 1272/2008, the sample is not divided into dangerous article.

Invasion route: Skin contact: No known significant effects or critical hazards.Eye contact: No known significant effects or critical hazards. Inhalation: No known significant effects or critical hazards. Ingestion: May cause gastrointestinal irritation.

Health hazards: The sample itself has non-toxic. Its thermal decomposition product has the stimulation to the respiratory tracts.

Environment hazards: No known significant effects or critical hazards.

Burn & burst danger: The sample can’t burn.

3. Composition / Information on ingredients

Pure□ Admixture √

Composition:

Chemical Name	In % By Weight	CAS No.	EC No.	Molecular Formula
Polydimethylsiloxane	99.4%	9016-00-6	NA	-（-O-Si(CH3)2-）-
Boric Acid	0.6%	10043-35-3	233-139-2	H3BO3

Abbreviation:

CAS No. : Chemical Abstract Service Registry Number.

EC No. : European Inventory of Existing Commercial chemical Substances.

NA=Not apply

4. First aid measures

Skin contact: If molten polymer contacts skin, remove contaminated clothes and rinse the skin with plenty of water. Do not attempt to peel polymer from skin. Get medical aid.

Eyes contact: Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water. Get medical aid.

Inhalation: If exposure to fumes from overheating, move to fresh air immediately. Keep the respiratory tract smooth. Use oxygen if available. Get medical aid.

Ingestion: Drink sufficient hot water and induce vomiting. Get medical aid.

5. Fire-fighting measures

Danger characteristic: The sample is apt to flame under the condition of fire.
Hazardous combustion products: CO, CO2,metal oxide，smoke
Fire-Fighting method & media: The staff must equip with filtermask (full mask) or isolated breathing apparatus. The staff must wear the clothes which can defense the fire and the toxic gas. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible. Spray water on the containers in the fireplace to keep them cool until finish extinguishment. Media: hazy water, foam, powder, CO2, sandy clay.

6. Accidental release measures

Emergency treatment: Cut off the fire source. It is suggested that the staff wear dust respirator and dress in work clothes. Shut off the divulgence source as possible. Small divulgence: clean off and transport to safe place. Massive divulgence: recycle or transport to waste treatment place for handling.

7. Handling and storage

Handling: Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear self-contained breathing dust respirator, protective gloves, and working clothes. Keep away from fire and heating sources. Prevent contacting with oxidizer and acid. Take care when lifting and handling in case of damaging the package. Equip with relevant types and quantities of the extinguishment instruments and devices for divulgence handling. Empty the container that may contain harmful residue.
Storage: Keep the sample in the cool and well-ventilated place. Keep away from fire and heating sources. Keep separately from oxidizer and acid, no mixing storage. Equip with relevant types and quantities of the extinguishment instruments. Thestorage place should be equipped with devices for divulgence handling and suitable shelter materials.

8. Exposure controls / personal protection

Maximum admissible concentration: No standard yet

Monitoring Method: None

Engineering Control: To supply with sufficient air exhaust.

Respiratory Protection: Wear self-contained breathing dust respirator if the density exceed in the air. Wear breathing apparatus under the condition of emergency rescue or evacuation.
Eyes Protection: No special protection under normal use, wear chemical safety glasses if needed.
Body Protection: Wear work clothes
Hands Protection: Wear protective gloves.
Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: putty

Boiling Point: No data.

Melting Point: No data.

PH Value: No data.

Oxidising properties: No data.

Permission of solvent inhalation: No data.

Solubility: Insoluble in water.

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature and pressure

Distribution of Ban: No data.

Conditions to Avoid: Fire, high temperature.

Hazardous Polymerization: None

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No known significant effects or critical hazards.

Sub-acute and Chronic Toxicity: No known significant effects or critical hazards.

Irritation: No known significant effects or critical hazards.

Sensitization: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Others: None

12. ECOLOGICAL INFORMATION

Eco-toxicity: No known significant effects or critical hazards.

Biodegradable: No applicable.

Non-biodegradable: No applicable.

Bioconcentration or biological accumulation: No applicable.

Other harmful effects: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Nature of waste: This product is not regarded as hazardous waste, as defined by Regulation (EC) No. 1272/2008.

Waste disposal methods: Refer to National or Local regulations before handling.

Attention abandoned: No applicable.

14. TRANSPORT INFORATION

Classification of dangerous goods: No applicable.

Number of dangerous goods: No applicable.

UN Number: No data.

Packaging Mark: No data.

Packaging Method: No data.

Transport Fashion: Air, Sea

Transport Attentions: Examine whether the package of the containers are integrate or not before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer and strong acid. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source. Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area.

15. REGULATORY INFORMATION

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No. 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures.

16. OTHER INFORMATION

THE INFORMATION contained in the PROCEEDING report is based upon current knowledge, our experience with the product, and is not exhaustive. While not guaranteed, the information presented herein was prepared by a competent, technical professional and is true and accurate to the best of our knowledge. The information applies to product as defined by the specifications. If the product is mixed with other substances, the customer must confirm that no new hazards exist. In all cases, the user is not exempt from following all legal, administrative and regulatory procedures relating to the product, personal hygiene, and the integrity of the work environment. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.