



## REFERENCE FORMAT FOR MATERIAL SAFETY DATA SHEET

## 1. Product and company information

Product name: N-Putty2 (Non-Silicone Thermal Conductive Putty)

Product code: N-Putty2

Names, addresses, and phone numbers of the manufacturer or supplier:

Shiu Li Technology Co.,Ltd

No.435, Yongfeng Rd., Bade City, Taoyuan County 33455, Taiwan

Emergency contact phone numbers/fax numbers: +886-3-3788588

## 2. Ingredients identification information

English name: N-Putty (Non-Silicone Thermal Conductive Putty)

Synthetic Resin : 20~40%

Aluminum oxide: 80~60%

Synonyms:

C.A.S. No.: 1344-28-1

The hazardous ingredient (% of the content):

Mixture:

Chemical property:

| Chinese and English names of The hazardous ingredients | Concentration or concentration ranges (% of contents) | Classification and hazard symbols of the hazardous material |
|--|---|---|
| -  | -   | -   |
| -  | -   | -   |

## 3. Hazards identification information:

Adverse health effects: NO

The most

Environmental effects: NO

Important hazardous effect

Physical and chemical effects: NO

Specific hazards: NO

Main symptoms: NO

Hazard classification of the product: NO

## 4. First-aid Measures:

The first-aid measures for different exposure routes:

- Inhalation: Remove victim to fresh air. If cough or other respiratory symptoms develop, get medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- Skin contact: Wash material with copious amounts of soap and water. Do not use solvents to clean skin. If irritation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.
- Eye contact: Immediately flush with copious amounts of water for at least 15 minutes. Get medical attention.

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|  |                                 |
|--|---------------------------------|
| <ul style="list-style-type: none"> <li>Ingestion Rinse mouth with water. Give one or two glasses of water to drink. Never give anything by mouth to an unconscious or convulsing person. Call a physician immediately.</li> </ul>  |                                 |
| The most important symptoms and hazardous effects: NO  |                                 |
| The protection of first-aiders:  |                                 |
| Notes to physicians:   |                                 |
| 5. Fire-fighting measures:<br>Suitable fire extinguishing media: Water fog , dry chemical, foam, CO <sup>2</sup>   |                                 |
| Specific hazards may be encountered during fire-fighting: NO   |                                 |
| Specific fire-fighting methods: NO   |                                 |
| Special equipment for the protection of firefighters: NO   |                                 |
| 6. Accidental release measures:<br>Remove all source of ignition. Wear appropriate personal protective equipment as specified in section 8. keep unnecessary and unprotected personnel away. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not flush to sewer. |                                 |
| 7. Safe handling and storage measures:<br>Avoid skin and eye contact. Avoid breathing vapor, mist or spray. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Keep container closed. Store in a cool, well ventilated place away from incompatible materials.  |                                 |
| 8. Exposure controls measures:<br>Engineering control: The use of local exhaust ventilations is recommended to keep vapor as low as feasible.  |                                 |
| <ul style="list-style-type: none"> <li>Personal protective equipment:</li> <li>Respiratory protection:</li> <li>Hand protection:</li> <li>Eye protection:</li> <li>Skin and body protection: Wear and protect gloves</li> </ul>  |                                 |
| Hygiene measures:  |                                 |
| 9. Physical and chemical properties:<br>Physical state: Putty  | Form:                           |
| Color: Gray  | Odor:                           |
| PH value:  | Boiling point/boiling range:    |
| Decomposition temperature:   | Flashpoint :                    |
|  | Test method: Open cup/Close cup |
| Auto ignition temperature:   | Explosion limits:               |
| Vapor pressure:  | Vapor density:                  |
| Density: 3.2   | Solubility:                     |
| 10. Stability and reactivity:<br>Stability: Stable under dry, room temperature conditions. Exothermic hardening reaction when mixed with curing agents.  |                                 |
| 11. Toxicological information:   |                                 |

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|  |   |
|--|---|
| Acute toxicity: NO   |   |
| Local effects: NO  |   |
| Sensitization: NO  |   |
| Chronic toxicity or long term toxicity: NO   |   |
| Specific effects: NO   |   |
| 12. Ecological information:<br>Possible environmental effects/environmental mobility: NO   |   |
| 13. Waste disposal measures:<br>Methods of waste disposal: The industry that retrieves raw materials person of silicon retrieves the waste material , there are regular recovery prices.         |   |
| 14. Transport information:<br>International regulations for transport: Not classified as hazardous under transport regulations (ADR RID ADNR IMDG / GGVSee ICAO / IATA)                          |   |
| United Nation number (UN No): Not applicable   |   |
| Domestic regulations for transport: Not applicable   |   |
| Specific transport measures and precautionary conditions: Not applicable   |   |
| 15. Regulatory information:<br>Applicable regulations: Taiwan. Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste, Occupational Safety and Health Act. |   |
| 16. Other information:<br><br>Literature References  |   |
| Organization<br>That prepared the MSDS   | Name: Shiu Li Technology Co.,Ltd<br><br>Address/Telephone:<br>No.435, Yongfeng Rd., Bade City, Taoyuan County 33455, Taiwan<br>TEL:+886-3-378-8588<br>FAX:+886-3-378-8288 |
| Person who<br>Prepared the MSDS  | Job title: Factory director<br><br>Name: (signature) Frank Jian   |
| Date the MSDS<br>Was prepared  | 2021/02/08  |