

Hunan Feihongda New Material Co.,Ltd.**Thermal grease MSDS****I. Identification**

1 Product identifier	Thermal Grease
2 Alternate identifier	Thermal Grease
3 Classification of chemical	Thermal Grease
4 Recommended use	Industrial use.
5 Manufacturer information	
Marketing Center	1206-1208, Building 3A, Huaqiang Creative Industry Park, Guangming Road, Guangming District, Shenzhen.
Shenzhen factory	5th Floor, Building 4, Huafeng Science and Technology Park, Pengling Road, Gongming Dongkeng, Guangming District, Shenzhen.
Hunan Factory	Building B, Electronic Information New Material Industrial Park, Huihuang Avenue, Shigaitang Town, Beihu District, Chenzhou City, Hunan Province.
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II. Hazard(s) identification

1 Physical hazards	Not classified.
2 Health hazards	Not classified.
3 Label elements	
Hazard symbol	None
Signal word	None
Hazard statement	None
4 Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
5 Hazard(s) not otherwise	None known.

III. Composition/information on ingredients

Chemical Name	CAS No.	Content Wt%
Silicone oil	53529-60-5	10-29
Alumina	1302-74-5	55-85
Zinc oxide	1314-13-2	10-21

IV. First-aid measures

1 Inhalation	Move to fresh air. If symptoms persist, seek medical attention.
2 Skin contact	Rinse immediately with water.
3 Eye contact	Rinse immediately with water.
4 Ingestion	Rinse the mouth with warm water and seek medical treatment.
5 Indication of immediate	Treat symptomatically.
6 General information	First aid personnel must be aware of own risk during rescue.

V. Fire-fighting measures

1 Flammability rating	UL94V-0
2 Ignition temperature	Not determined (Flame-retardant) .
3 Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
4 Unsuitable extinguishing	None.
5 Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
6 Special protective equipment	Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
7 Fire fighting equipment	Use standard firefighting procedures and consider the hazards of other involved materials.
8 Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
9 General fire hazards	Will burn if involved in a fire.

VI. Accidental release measures

1 Personal precautions:	Keep unnecessary personnel away. For personal protection, see section 8 of the MSDS.
2 protective equipment and emergency procedures.	Sweep up or gather material and place in appropriate container for disposal. For waste disposal, see section 13 of the MSDS.
3 Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

VII. Handling and storage

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|---------------------------------|---|
| 1 Precautions for safe handling | No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional personal protection advice when handling this product.
Observe good industrial hygiene practices. |
| 2 Conditions for safe storage, | Store in closed original container in a dry place. |

VIII. Exposure controls/personal protection

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|------------------------------------|---|
| 1 Occupational exposure limits | No exposure limits noted for ingredient(s). |
| 2 Biological limit values | No biological exposure limits noted for the ingredient(s). |
| 3 Appropriate engineering controls | Used as intended, this product is not expected to generate potentially hazardous quantities of dust or fumes.
In an industrial work environment no special precautions or control measures are required. |
| 4 Personal protection | |
| Eye/face protection | Not normally needed. |
| Skin protection | No skin protection is ordinarily required under normal conditions of use.
In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact. |
| Hand protection | Not normally needed. |
| Respiratory protection | Not normally needed. |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary |
| General hygiene considerations | Wash hands after contact. |

IX. Physi-chemical properties

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| 1 Physical form: | Paste. |
| 2 Form | Fluid. |
| 3 Color | Grey. |
| 4 Odor | Odorless. |
| 5 PH | Not applicable |
| 6 Melting point/freezing point | Not available. |
| 7 Boiling point | Not available. |
| 8 Flash point | Not available. |
| 9 Evaporation rate | Negligible. |
| 10 Flammability limit - lower(%) | Not applicable. |
| 11 Flammability limit - upper(%) | Not applicable. |
| 12 Vapor pressure | Negligible. |
| 13 Vapor density | Negligible. |

14 Relative density	.2.41g/cm ³
15 Solubility (water)	Negligible.
16 Explosive properties	Not explosive.
17 Oxidizing properties	Not oxidizing.

X. Stability and reactivity

1 Reactivity	The product is stable and non-reactive under normal . conditions of use, storage and transport.
2 Chemical stability	Material is stable under normal conditions.
3 Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
4 Conditions to avoid	Avoid temperatures exceeding the decomposition temperature. Contact with incompatible materials.
5 Incompatible materials	Strong oxidizing agents.
6 Hazardous decomposition products	Carbon oxides. Metal oxides.

XI. Toxicological information

1 Harm to health	See above.
2 Sensitization:	Unknown.
3 Mutagenicity	Unknown.
4 Leading to reproductive hereditary disease	Unknown.
5 Carcinogenicity	Unknown.
6 Information about other harms to health	Without suitable materials.

XII. Ecological information

1 Influence to environment and its distribution	Solid object, and cannot be dissolved in water.
2 Influence to environment	Cannot predict harmful influence to the aquatic organisms.
3 Bioaccumulation	No bioaccumulation ability
4 Influence to the wastewater	Cannot predict harmful influence to the germ.

XIII. Disposal considerations

1 Disposal method of waste product	Dispose of in accordance with local regulations.
2 Disposal method of package waste	Dispose of in accordance with local regulations.

XIV. Transport information

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| 1 Road and rail transportation | Transport as non-dangerous goods. |
| 2 Shipping (IMDG) | Not an IMDG code. |
| 3 Air Transport (IATA) | Not subject to IATA regulations. |

XV. Regulations

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| 1 Regulations applicable | Regulations on the Safe Use of Chemicals in the Workplace
[(1996) Ministry of Labor Issue No. 423]
General Rules for Classification and Hazard Publicity of
Chemicals [GB 13690-2009] |
| 2 Inventory of the chemical | |
| MITI | All ingredients are listed into ENCS or other exemption
provisions. |
| AICS | One or more ingredients are not listed or exempted. |
| TSCA | All chemical ingredients in this good are listed in the TSCA
chemical directory or exempted by the TSCA chemical
directory. |
| KECL | One or more ingredients are not listed or exempted or
confirmed. |
| EINECS | Undetermined. |
| DSL | The chemical ingredients in this good are not listed in the DSL
chemical directory. |

XVI. Other information

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| 1 The product is developed and manufactured for industrial purposes. As for medical application or other special applications, the product cannot be used until it is in line with the safety standards after detection. | |
| 2 Other instructions | None. |

Remarks

This information does not belong to the scope of the manual, but is to provide a representative value concept. The industrial hygiene and safety handling procedures recommended in this article are firmly believed to meet the requirements. Each user reading this information will help understand the characteristics and characteristics of the product. Precautions for use.