



# MSDS Report

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## Material Safety Data Sheet

**Corporation name:** Shenzhen Xiaohu Technology Co., Ltd.

**Product Name:** Spring Sleeping Instrument

**Model:** HE-M001

**Trademark:** /

Compiled by:



Approved by:

  
Jackson Huang  
Lab Supervisor  
Date :Jan. 24, 2025

Shenzhen TST Technology Co., Ltd.

3F, B Block, Huachuangda Centre Business Building, Xinghua 1th Road, Baoan District 42, Shenzhen City  
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Section 1 - Chemical Product and Company Identification	
Product Name:	Spring Sleeping Instrument
Corporation name:	Shenzhen Xiaohe Technology Co., Ltd.
Address :	403, Building C, D, Yingke Industrial Park, No.6, North Inner Ring Road, Longxin Community, Baolong Street, Longgang District, Shenzhen
Emergency Phone:	+86 17520202081
E-mail:	529204592@qq.com
Contact person:	Zien Chen
Identified uses:	Used for dressing of foot pad, thick skin, calluses, dead skin, corns, dry and cracked cuticle, thick nails and embedded nails.

Section 2 - Hazards Identification	
GHS Classification:	Non-hazardous substances or mixtures
CHS label:	Non-hazardous substances or mixtures
Health hazard:	Based on available experience and information, there are no adverse environmental health effects under normal use with appropriate precautions.
Environment hazards:	Not applicable
Chemical hazards:	Not applicable
Fire and Explosion Hazard:	If this product melts or burns, it will produce toxic or irritating steam. Please use personal protective equipment.
Other hazards:	Not applicable

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Section 3 - Composition/Information on Ingredient		
Chemical Composition	CAS No.	Content (wt%)
Containing Polymer Li-ion Battery HPSD 902030 500mAh/3.7V/1.85Wh 9.5g		
Lithium cobaltate	12190-79-3	15-40%
Graphite	7782-42-5	10-30%
Lithium hexafluorophosphate	21324-40-3	10-30%
Copper	7440-50-8	7-13%
Aluminium	7429-90-5	5-10%
Nickel	7440-02-0	1-5%

Section 4 - First Aid Measures	
Inhalation:	Based on available experience and information, no adverse reactions were observed.
Skin contact:	Based on available experience and information, no adverse reactions were observed.
Eye contact:	Based on available experience and information, no adverse reactions were observed.
Ingestion:	It can't normally be swallowed up. If eating occurs, need to see a doctor immediately.



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Section 5 - Fire Fighting Measures	
Suitable extinguishing Media:	Plenty of water, dry chemical powder or carbon dioxide.
Unsuitable extinguishing Media:	Not applicable
Explosion Data:	Not applicable
Specific Hazards arising from the chemical:	Not applicable
Protective Equipment and precautions for firefighters:	If necessary, wear a self-contained respirator to fight a fire.
Special hazards caused by the material, its products of combustion or resulting gases:	Battery may burst and release hazardous decomposition products when exposed to a fire situation. Corrosive and toxic gas may be emitted during fire.
Additional information Heat value:	Not applicable

Section 6 - Accidental Release Measures	
Personal Precautions, protective equipment, and emergency procedures:	Store normally without leakage.
Environmental Precautions:	The product is non-toxic and harmless substances, but it will produce toxic gases after combustion. Avoid release into the environment.
Methods and materials for cleaning up:	Mechanical collection.



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Section 7 - Handling and Storage	
Operation disposal:	<p>The product is non-toxic and harmless substances. Use in a well-ventilated place. Keep away from ignition sources.</p> <p>If the enclosure of the product is disassembled or damaged, the following actions are prohibited:</p> <ol style="list-style-type: none"> <li>1.The battery should not be opened, destroyed or incinerate, since they may leak or rupture and release to the environment the ingredients that they contain in the hermetically sealed container.</li> <li>2.Do not short circuit terminals, or over charge the battery, forced over-discharge, throw to fire.</li> <li>3.Do not crush or puncture the battery. or immerse in liquids.</li> </ol>
Store considerations:	Away from fire.

Section 8 - Exposure Controls, Personal Protection	
Occupational exposure limit:	Do not smoke, eat and drink in the workplace.
Engineering control:	When the product is heated, provide local exhaust equipment. Wear respiratory protective equipment if ventilation is insufficient.
Respiratory protection:	If a large number of products occur melts or burns, Wear a protective mask.
Skin and body Protection:	If a large number of products occur melts or burns, Wear personal protective equipment.
Eye protection:	If a large number of products occur melts or burns, Wear safety glasses.
Hands protection:	If a large number of products occur melts or burns, Wear protective gloves.

Section 9 - Physical and Chemical Properties	
Physical State:	<p>Spring Sleeping Instrument:</p> <p>Electronic and electrical finished products, white plastic shell</p> <p>Built-in lithium-ion battery:</p> <p>Polymer Li-ion Battery HPSD 902030 500mAh/3.7V/1.85Wh 9.5g</p>
Odor:	Odorless
PH:	Not applicable
Specific Gravity(water=1) :	Not applicable

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Upper/lower flammability or explosive limits:	Not applicable
Decomposition temperature:	Not applicable
Melting point:	Not applicable
water-solubility:	Not applicable
Upper/lower flammability or explosive limits:	Not applicable

## Section 10 - Stability and Reactivity

Stability:	Stable under recommended conditions of storage.
Conditions to Avoid:	Avoid high temperature, sparks, open flames and other ignition sources.
Hazardous Decomposition Products:	Carbon,nitrogen oxide and hydrogen chloride or other harmful gas.
Banned Agents:	Strong oxidant.

## Section 11 - Toxicological Information

Acute toxicity:	Not applicable
Irritation:	Not applicable
Sensitization:	Not applicable
Neurological Effects:	Not applicable
Teratogenicity:	Not applicable
Reproductive Toxicity:	Not applicable
Mutagenicity (Genetic Effects) :	Not applicable
Toxicologically Synergistic Materials:	Not applicable
Carcinogenicity	Not applicable

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Section 12 - Ecological Information	
Anticipated behavior of a chemical product in environment/possible environmental impact/ecotoxicity	Limited information was available at the time of this review.
Aquatic toxicity	Limited information was available at the time of this review.
Persistence and Degradability	Limited information was available at the time of this review.
Other Adverse Effects	Limited information was available at the time of this review.

Section 13 - Disposal Considerations
<b>Product disposal:</b> Observe local, state and federal laws and regulations.
<b>Container Disposal:</b> Observe local, state and federal laws and regulations.

Section 14 - Transport Information	
<b>UN Number</b>	N/A
<b>UN Proper shipping name</b>	N/A
<b>Transport hazard class(es)</b>	N/A
<b>Packing group</b>	N/A
<b>Environmental hazards</b>	No
<b>Marine pollutant</b>	No
<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road under Special Provision 188
<b>RID</b>	Regulations concerning the International Carriage of Dangerous Goods by Rail under Special Provision 188
<b>IMDG Code</b>	The article is not restricted to IMDG CODE (Amend 42-22) according to special provision 188
<b>ICAO/IATA</b>	Can be shipped by air in accordance with international Civil Aviation Organization (ICAO), TI or International Air Transport Association (IATA) DGR 65th Packing Instructions Section IB of 965 or Section II of 966-967 appropriately.

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<b>Comment</b>	<p>The dangerous goods regulations require that each battery design be subject to tests contained in Section 3 of the UN Manual of Tests and Criteria prior to being offered for transport.</p> <p>(The weight of a single battery is about 9.5 g, and the UN38.3 report of the battery is issued by Shenzhen Tiansu Calibration and Testing Co., Ltd. , report number: TSZ22120016-P14-R01. Each device has a built-in battery.)</p>
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## Section 15 - Regulatory Information

- 《Dangerous Goods Regulation》
- 《Recommendations on the Transport of Dangerous Goods Model Regulations》
- 《Informational Maritime Dangerous Goods》
- 《Technical Instructions for the Safe Transport of Dangerous Goods》
- 《Classification and code of dangerous goods》
- 《Occupational Safety and Health Act》 (OSHA)
- 《Toxic Substances Control Act》 (TSCA)
- 《Consumer Product Safety Act》 (CPSA)
- 《Federal Environmental Pollution Control Act》 (FEPCA)
- 《The Oil Pollution Act》 (OPA)
- 《Superfund Amendments and Reauthorization Act Title III (302/311/312/313)》 SARA
- 《Resource Conservation and Recovery Act》 (RCRA)
- 《safety drinking water act》 (CWA)
- 《California Propositions 65》



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## Section 16 - Additional Information

The data come from the international authoritative database and the data submitted by the enterprise, and the other information is based on the knowledge currently mastered by the company. We try our best to ensure the correctness of all the information, but due to the diversity of information sources and the limitations of our knowledge, this document is for users' reference only. The user of the safety technical specification shall judge the rationality of the relevant information according to the purpose of use. We are not liable for any damage caused by the operation, storage, use and disposal of the product.

Key to abbreviations:

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

\*\*\* End of Report \*\*\*

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