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SAFETY DATA SHEET (According to EC 1907/2006 (REACH) Annex II) EU Commission Directive 1999/45/EC, 67/548/EEC

63115-00893

1. Product and Company Identification

Product:	Heat Pack / Air Activated Warmer
Version #:	Version #1
Date:	February 9, 2015
CAS #:	Mixtures
Product Use:	Warmer
Manufacturer/Supplier:	
Company Name:	Mind Flash Co. Ltd
Company Address:	(Gan Wu) Tong Sha Industrial Estate, Dong Cheng District Dong Guan City, Guang Dong Province, China 523127
e-Mail:	sherry@hygeiacn.com
Contact Person:	Sherry Yang

2. Hazards Identification

Classification:	No hazard classification according to EU directives 67/548/EEC, 1999/45/EC and national legal regulations.
Physicochemical Hazards:	Product may burn on heating.
Human and Environmental Hazards:	
Inhalation:	Material cannot be inhaled.
Ingestion:	Not toxic.
Skin Contact:	Not irritating.
Eye Contact:	May cause slight irritation.
Carcinogenicity:	IARC: Not covered, NTP: Not covered, OSHA: Not covered.
Other Hazards:	Not known.



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3. Composition / Information on Ingredients:

Detailed formulation is submitted by the client and it is proprietary information.
Products are made by physical manipulation and chemical reaction from the ingredients. These ingredient chemicals
May not exist as its original formula in final products. None of these ingredients are hazardous substances.

Chemical Name	CAS No.	Composition (in % by weight)
1. Iron Powder	7439-89-6	57.1
2. Activated Carbon	64365-11-3	10.4
3. Vermiculite	1318-00-9	4.3
4. Resin	9003-04-7	2.5
5. Salt	7647-14-5	2.7
6. Water	7732-18-5	23

4. First Aid Measures

First Aid Procedures	
General Advice:	Follow general good first aid measures.
On Inhalation:	Not applicable.
On Skin Contact:	Generally the product does not irritate the skin.
On Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Medical aid on complaints.
On Ingestion:	Wash mouth out with water and let drink 1 to 2 glasses of water. Medical aid on complaints.
Medical Advice:	Not toxic. On complaints treat symptomatically and supportively.

5. Fire Fighting Measures

Extinguishing Media	
Suitable Extinguishing Media:	Water. Foam. Dry Dry powder. Carbon dioxide (CO2)
Unsuitable Extinguishing Media:	None.
Protection Of Firefighters	
Specific hazards arising From the Chemical:	No particular hazards.
Protective equipment and Precautions for firefighters:	Use standard firefighting procedures and consider the hazards of other involved materials.
Special protective equipment For Fire fighters:	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, Protective clothing and face mask
Specific Methods	No particular specific methods suggested.
Hazardous combustion products	Carbon monoxide and carbon dioxide.

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6. Accidental Release Measures

Personal Precautions:	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Avoid inhalation of vapors and contact with skin and eyes. Wear suitable protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.
Environmental Precautions:	Do not allow to enter drains, sewer or water course.
Methods For Cleaning Up:	Clean up in accordance with all applicable regulations. Remove sources of ignition. Absorb spillage with non-combustible, absorbent material. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.

7. Handling And Storage

Storage:	Store in a cool, dry place. Keep container closed when not in use.
Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes. Avoid ingestion and inhalation.
Packaging Material:	No information found.

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8. Exposure Controls / Personal Protection

Exposition Limit Values:	Not applicable.
Measurement Methods:	Not available.
Technical Measures:	Not necessary, no exposition expected.
Personal Protective Equipment:	
Body Protection:	Common special body protection not necessary, regular work clothing sufficient.
Respiratory Protection:	Common respiratory protection not necessary.
Eye Protection:	Common eye protection not necessary, eye contacts should be avoided.
Hand Protection:	Protective gloves are not required commonly, on permanent skin contact gloves for low mechanic and substantial stress are enough. Protective gloves to be applied have to comply with the specifications of EU directive 89/686/EEC and EN 374, e.g. Matter: Butyl Rubber Thickness: >0,4 mm Penetration Time: > 30 min.
Skin Protection:	Skin protection products are not as effective as protective gloves, so suitable protective gloves are preferred if possible. After cleaning fatty skin care products should be applied.
General Safety and Hygiene Measures:	On using do not eat, drink or smoke. Avoid aspiration of dust. Change contaminated clothes and don't reuse it until cleaned.
Further information:	This product is classified as non-hazardous. However, the usual precautions for harmful chemicals must be observed to avoid contact with the skin, eyes and respiratory tract.

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9. Physical & Chemical Properties

Appearance:	Solid
Color:	Mixture
Odor:	No odor
pH:	No Data Available
Boiling Point/Range:	No Data Available
Melting Point/Range:	No Data Available
Flash Point:	No Data Available
Evaporation Rate:	No Data Available
Vapor Density:	No Data Available
Solubility In Other Solvents:	No Data Available
Oxidizing Properties:	No Data Available
Vapor Pressure:	No Data Available
Relative Density:	No Data Available
Water Solubility:	No Data Available
Viscosity:	No Data Available
Partition Coefficient (n-octanol/water):	No Data Available
Explosive Properties:	No Data Available

10. Chemical Stability & Reactivity Information

Chemical Stability:	Stable under normal temperature conditions.
Conditions To Avoid:	Not Applicable.
Incompatible Materials:	Not Applicable.
Hazardous Decomposition Products:	At thermal decomposition temperature, carbon monoxide and carbon dioxide.
Possibility Of Hazardous Reactions:	Hazardous chemical reaction does not occur.

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11. Toxicological Information

Acute And Chronic Toxicity:	This product is not expected to cause toxicity or be irritating to skin or eyes.
Remarks:	On appropriate handling and use as intended and on current information the product doesn't cause any effects harmful to human health.
Carcinogenicity:	No information available, not listed by ACGIH, IARC, NTP, or CA Prop 65
Mutagenicity:	No information available.
Teratogenicity:	No information available.
Reproductive Effects:	No information available.
Neurotoxicity:	No information available.
Epidemiology:	No information available.
Other Studies:	No information available.

12. Ecological Information

Aquatic and Other Ecotoxic Effects:	Small amounts of this product are not expected to cause toxicity to the environment. Components of this material are not biomagnified or bioconcentrated in the environment.
PBT assessment:	Not available.
Remarks:	On appropriate handling and use as intended in our experience and on current information the product doesn't cause any adverse effects to the environment.

13. Disposal Considerations

Disposal of Residues and Wastes of the Product:	Residues and wastes are to be brought to an incineration site.
European Waste Inventory Number:	08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09*.
Disposal Of Contaminated Packaging:	Contaminated packaging are to be brought to utilization or disposal by redemption systems or licenced waste management.
European Waste Inventory Number:	15 01 10* Packaging containing residues of or contaminated by dangerous substances.
Disposal of Completely Emptied Packaging:	Completely emptied plastic packaging can be brought to a substantial utilization.
European Waste Inventory Number:	15 01 02 Plastic packaging.

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14. Transportation Information

No dangerous good in the sense of ADR/RID, ICAO/IATA, IMDG	
ADR/RID:	No dangerous good in the sense of ADR/RID No information available.
ICAO/IATA:	No dangerous good in the sense of ICAO/IATA No information available.
IMDG:	No dangerous good in the sense of IMDG No information available.

15. Regulatory Information

Chemical Safety Assessment According to EU Regulation No. 1907/2006:
A chemical safety assessment (CSA) according to art. 14 par. 1 Regulation (EC) no. 1907/2006 (REACH) is not yet available.
Classification and Labeling According to EU Directives 67/548/EEC and 1999/45/EC:
The substance is not due to labeling.
National Regulations (Germany):
The substance is not due to labeling according to German regulation.

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16. Other Information

The recommendations and information contained in this SDS have been compiled from sources believed to represent the most current information available when the SDS was prepared. However, the manufacturer / distributor of this product does not provide any warranty, guaranty of representation as to the correctness or sufficiency of this information. If this material is to be used in large amounts and/or an unusual manner, the user is obliged to determine what safety measures are appropriate, including the applicable and relevant workplace and environmental regulations pertaining to handling, use and disposal.

Abbreviations used in this SDS

- CERCLA : Comprehensive Environmental Response Compensation and Liability Act
- CFR : Code of Federal Regulations
- IARC : International Agency for Research on Cancer
- NFPA : National Fire Protection Association
- NPCA/HMIS : National Paint and Coatings Association's Hazardous Materials Information System
- NTP : National Toxicology Program
- OSHA : Occupational Safety and Health Administration
- RCRA : Resource Conservation and Recovery Act
- SARA : Superfund Amendments and Reauthorization Act

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

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REMARK:

1. The company address of SAFETY DATA SHEET was changed to (Gan Wu) Tong Sha Industrial Estate, Dong cheng District, Dong Guan City, Guang Dong Province, China 523127.

NOTE:

If there is question or concern regarding the above results, please contact the appropriate lab person below:

General question & concern: Chen Mingyan, Ina
Customer Service Coordinator
(86)769 8112 0818 Ext. 884
cs02@mts-china.com

Technical question & concern: LAU Kwok Ping, Leo
Manager
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The testing lab overall rating is provided to client as an aid in reviewing report data. The rating is based on lab results. Final product acceptance or rejection is per client only. Testing of vendor's merchandise by client is not a substitute for vendor's own testing and other quality assurance related obligations in connection with its sale of merchandise to client. Client testing shall not limit client's rights, or diminish or remove any of vendor's responsibilities.