

SDS Report

No. SHAHG1806870302

Date: Apr. 23, 2018

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OccuNomix International LLC
585-52 North Bicycle Path
Port Jefferson Station NY 11776

SGS Ref. No. : QDHL1804007884OT-QD
Sample Name : HEATPAX™ Warmers HEATPAX™ Hand Warmers 1100-10R (5 pack), 1100-80D (40 Pack Display)
End Uses : Keep Warm in Winter HEATPAX™ Toe Warmers 1106-10TW (5 Pack), 1106-40D (40 Pack Display)
Composition/Ingredient of sample (as per client submission) : See section 3 Composition/information on ingredients on the SDS report HEATPAX™ Body Warmers 1101-10B (5 pack), 1101-80B (40 Pack Display)
Job Receiving Date : Apr 09, 2018 HEATPAX™ Foot Warmers 1103-10FF (5 Pack), 1103-60FF (30 Pack Display)
Last Information Date : Apr 11, 2018
SDS Preparation Period : Apr 09 - Apr 16, 2018

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200, and is provided per attached.

Remark:
The product is classified per the information provided by client.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Wei WANG, Terry
Approved Signatory



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Safety Data Sheet

29 CFR 1910.1200

Printing date 04/23/2018

Version number 1

Reviewed on 04/16/2018

1 Identification

- **Product identifier**
- **Trade name:** HEATPAX™ Warmers

HEATPAX™ Hand Warmers 1100-10R (5 pack), 1100-80D (40 Pack Display)
 HEATPAX™ Toe Warmers 1106-10TW (5 Pack), 1106-40D (40 Pack Display)
 HEATPAX™ Body Warmers 1101-10B (5 pack), 1101-80B (40 Pack Display)
 HEATPAX™ Foot Warmers 1103-10FF (5 Pack), 1103-60FF (30 Pack Display)

- **Recommended use of the chemical and restrictions on use**
- **Application of the substance / the preparation:** Keep Warm in Winter
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

OccuNomix International LLC
585-52 North Bicycle Path
Port Jefferson Station NY 11776

- **Other US contact point:** Not available
- **Further information obtainable from:**
- **Emergency telephone number:**

USA
 Poison Center
 Tel: + 1 800 222 1222


- **Reference Number:** QDHL1804007884OT-QD; SHAHG1806870302

2 Hazard(s) identification

- **Classification of the substance or mixture**
 The product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Information concerning particular hazards for human and environment:**
 The product has not to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**
 The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms** Not applicable.
- **Signal word** Not applicable.
- **Hazard-determining components of labeling:** Not applicable.
- **Hazard statements** Not applicable.
- **Precautionary statements** Not applicable.
- **Hazards not otherwise classified (HNOC)** No further relevant information available.

3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:**
 Mixture of the substances listed below with nonhazardous additions.
 For the wording of the listed hazard statements refer to Section 16.

· Composition:			
7439-89-6	Iron, powder	 Flam. Sol. 2, H228; Self-heat. 1, H251	50.0%
7732-18-5	Water		23.0%
7440-44-0	carbon		12.0%
1318-00-9	Vermiculite		10.0%

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7647-14-5 sodium chloride

5.0%

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
Seek medical treatment.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Special protective equipment and precautions for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Avoid contact with eyes.
Avoid contact with skin.
Avoid formation of dust.
Ensure adequate ventilation.
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Pick up mechanically.
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Precautions for safe handling:**
Avoid contact with eyes and skin.
Ensure good ventilation/exhaustion at the workplace.
Keep away from heat and direct sunlight.
Keep receptacles tightly sealed.
Prevent formation of dust.
Thorough dedusting.
For the general occupational hygienic measures refer to Section 8.

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- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Do not store together with acids.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure**
- **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.
- **Personal protective equipment**
- **Breathing equipment:** Suitable respiratory protective device recommended.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves:**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material:**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **General Information**
- **Appearance:**
 - Form:** Powder
 - Color:** Black
- **Odor:** Weak odor
- **Odor threshold:** Not available.
- **pH-value:** Not available.

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· Change in condition	
Melting point/freezing point:	Not available.
Boiling point / Boiling range:	Not available.
· Flash point:	Not available.
· Flammability (solid, gaseous):	Not available.
· Auto-Ignition temperature:	Not available.
· Decomposition temperature:	Not available.
· Explosion limits:	
Lower:	Not available.
Upper:	Not available.
· Vapor pressure:	Not available.
· Density:	Not available.
· Relative density	Not available.
· Vapor density	Not available.
· Evaporation rate	Not available.
· Solubility in / Miscibility with Water:	Not available.
· Partition coefficient (n-octanol/water):	Not available.
· Viscosity:	
Dynamic:	Not available.
Kinematic:	Not available.
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No decomposition if used according to specifications.
- **Chemical stability** Stable under recommended storage conditions.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity**

- **LD/LC50 values that are relevant for classification:**

7439-89-6 Iron, powder

Oral LD50 30,000 mg/kg (rat)

7647-14-5 sodium chloride

Oral LD50 3,000 mg/kg (rat)

- **Primary irritant effect**
- **Skin corrosion/irritation:** Irritating effect possible.
- **Serious eye damage/irritation:** Irritating effect possible.
- **Respiratory or skin sensitisation:** Sensitization possible.

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· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** *No further relevant information available.*

· **Persistence and degradability:** *No further relevant information available.*

· **Bioaccumulative potential:** *No further relevant information available.*

· **Mobility in soil:** *No further relevant information available.*

· **Other adverse effects:** *No further relevant information available.*

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:** *Smaller quantities can be disposed of with household waste.*

· **Uncleaned packagings**

· **Recommendation:** *Disposal must be made according to official regulations.*

14 Transport information

· **UN-Number**

· **DOT, IMDG, IATA** *Not applicable.*

· **UN proper shipping name**

· **DOT, IMDG, IATA** *Not applicable.*

· **Transport hazard class(es)**

· **DOT, IMDG, IATA**

· **Class** *Not applicable.*

· **Label** *Not applicable.*

· **Packing group**

· **DOT, IMDG, IATA** *Not applicable.*

· **Environmental hazards**

Not applicable.

· **Special precautions for user**

Not applicable.

· **Transport in bulk according to Annex II of**

MARPOL73/78 and the IBC Code *Not applicable.*

· **Transport/Additional information:**

Not dangerous according to the above specifications.

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· UN "Model Regulation": Not applicable.

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act):

7439-89-6 Iron, powder

7440-44-0 carbon

7647-14-5 sodium chloride

7732-18-5 Water

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· New Jersey Right-to-Know List:

None of the ingredients is listed.

· New Jersey Special Hazardous Substance List:

None of the ingredients is listed.

· Pennsylvania Right-to-Know List:

None of the ingredients is listed.

· Pennsylvania Special Hazardous Substance List:

None of the ingredients is listed.

· Cancerogenity categories

· EPA (Environmental Protection Agency):

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH):

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health):

None of the ingredients is listed.

16 Other information

· Relevant hazard statements

H228 Flammable solid.

H251 Self-heating: may catch fire.

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The contents and format of this SDS are in accordance with 29 CFR 1910.1200.

DISCLAIMER OF LIABILITY :

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· Date of preparation / last revision 04/23/2018 / -

· Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

Flam. Sol. 2: Flammable solids – Category 2

Self-heat. 1: Self-heating substances and mixtures – Category 1

End of document