SAFETY DATA SHEET

Product Name: SYX-A45W10KA LITHIUM ION BATTERY PACK
According to GB/T 16483, GB/T 17519

Date of Revision: - SDS No.: BRADY/CHN/007
Date of First Issue: 01.03.2022 Version: 1

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 GHS Product Identifier
   Product Name (English) SYX-A45W10KA LITHIUM ION BATTERY PACK
   Other means of identification USB Lithium Ion Battery Pack
   Model number SYX-A45W10KA
   CAS number Not applicable (Article)

1.2 Details of the supplier of the Safety Data Sheet
   Manufacturer Suyuunxin (Dongguan) Energy Technology Com. Ltd.
   9F, No. 3, Building No. 34, Huangwu Industrial Road,
   Dongkeng Town, Dongguan Guangdong, China.
   U.S. Supplier Brady Worldwide Inc.
   Tel: (414) 358-6600 [8am – 5pm CT]
   European Supplier WH Brady NV
   Lindestraat 20, Industriepark C3,
   B-9240 Zele, Belgium.
   Tel: 0032/(0)52.45.79.05 [9am – 5pm]
   Other Supplier Brady Technology Sdn Bhd
   Plot 6, Hilir Sungai Keluang 4,
   Bayan Lepas Free Industrial Zone Phase IV,
   Bayan Lepas 11900 Penang,
   Pulau Pinang (Penang) Malaysia.
   E-mail REACH_Americas@bradycorp.com

1.3 Emergency telephone number
   Infotrac: 1-800-535-5053 (U.S. and Canada) [24 hours]

1.4 Recommended use of the chemical and restrictions on use
   Identified use(s) USB Battery Pack.
   Uses advised against None known.

SECTION 2: HAZARD OVERVIEW

2.1 Emergency overview
   Product as supplied: Solid article. Unlikely to cause harmful effects under normal conditions of handling and use.

2.2 According to GB30000-2013
   SYX-A45W10KA LITHIUM ION BATTERY PACK is considered to be an article. Unlikely to cause harmful effects under normal conditions of handling and use. This information is applicable to damaged, leaking or spilled product. This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product. Not classified as hazardous for supply.
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>%W/W</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>The following materials are part of the case of the battery:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminum (non-pyrophoric solid)</td>
<td>-</td>
<td>7429-90-5</td>
</tr>
<tr>
<td>Copper</td>
<td>-</td>
<td>7440-50-8</td>
</tr>
<tr>
<td>Iron</td>
<td>-</td>
<td>7439-89-6</td>
</tr>
<tr>
<td>Plastic</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Inert polymers and other trace compounds</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>The following materials are in the electrolyte mixture in the battery:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethylene carbonate</td>
<td>-</td>
<td>96-49-1</td>
</tr>
<tr>
<td>Cobalt Lithium Manganese Nickel Oxide</td>
<td>-</td>
<td>182442-95-1</td>
</tr>
<tr>
<td>The following materials are for the battery cell electrodes:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graphite</td>
<td>-</td>
<td>7440-44-0</td>
</tr>
<tr>
<td>Lithium cobalt oxide</td>
<td>-</td>
<td>12190-79-3</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

Information caused by electrolyte mixture in the battery:

4.1 Description of first aid measures

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor.

Skin Contact
Remove/ take off immediately all contaminated clothing. Rinse skin with water/ shower. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse.

Eye Contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Ingestion
Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

4.2 Most important symptoms and effects

Inhalation may cause moderate to severe irritation of the respiratory system. Skin and eye contact may cause burns or highly irritating

4.3 Suggestions for doctor
No antidotes known. Treat symptomatically.
SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media
In case of fire use dry chemical to extinguish. Do not use water.

5.2 Special Hazards
Explosion risk in case of fire. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. May give off toxic fumes in a fire. Carbon monoxide, carbon dioxide. Hydrofluoric acid and hydrogen gas will be formed when electrolyte solution react with water.

5.3 Fire fighting measures and special precautions
Evacuate area and fight fire remotely due to the risk of explosion. A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Information caused by electrolyte mixture in the battery:

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions
Stop leak if safe to do so. Prevent liquid entering watercourses, sewers and confined spaces.

6.3 Methods and material for containment and cleaning up
Soak up with inert absorbent. Wipe up remainder. Transfer to a lidded container for disposal. Wash spill site with water and detergent.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid friction, sparks, or other means of ignition.

7.2 Conditions for safe storage, including any incompatibilities
Store in a well-ventilated, cool and dry place. Keep away from heat other ignition sources, acids, oxidising agents, alkalis, reducing agents, potassium tert-butoxide, direct sunlight, moist air, water, oils and solvents.

Storage Temperature
Less than 60 °C/ 140 °F

Storage Life
Stable under normal conditions.

Incompatible materials
Acids, oxidising agents, alkalis, reducing agents, potassium tert-butoxide, water, oils and solvents.
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

No known hazards are associated with the use of this article.

8.1 Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Composition</th>
<th>CAS No.</th>
<th>MAC (mg/m³)</th>
<th>PC-TWA (mg/m³)</th>
<th>PC-STEL (mg/m³)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

8.2 Biological limit value

<table>
<thead>
<tr>
<th>Composition</th>
<th>CAS No.</th>
<th>Biological monitoring Index</th>
<th>Occupational biological exposure limit</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

8.3 Appropriate engineering controls

Provide adequate ventilation.

8.4 Personal protection equipment

Eye/face protection: Not normally required.

Skin protection (Hand protection/ Body protection): Not normally required.

Respiratory protection: No respiratory protection is required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Solid.

Colour: Various.

Odour: Odourless.

Odour Threshold: Not applicable.

pH: Not applicable.

Melting Point/Freezing Point: No data.

Initial boiling point and boiling range: Not applicable.

Flash point: Not applicable.

Evaporation rate: Not applicable.

Flammability (solid, gas): Not flammable.

Upper/lower flammability or explosive limits: Explosion risk in case of fire.

Vapour pressure: Not applicable.

Vapour density: Not applicable.

Density: Not applicable.

Solubility(ies): Insoluble in water.

Partition coefficient: n-octanol/water: Not applicable.

Auto-ignition temperature: No data.

Decomposition Temperature: No data.

Viscosity: Not applicable.

Explosive properties: Not explosive.

Oxidising properties: Not oxidising.

9.2 Other information

None.
SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Stable under normal conditions.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
Stable under normal conditions.

10.4 Conditions to avoid
Keep away from heat and other ignition sources, direct sunlight, moist air.

10.5 Incompatible materials
Acids, oxidising agents, alkalis, reducing agents, potassium tert-butoxide, water, oils and solvents

10.6 Hazardous decomposition products
Toxic fumes, carbon monoxide, carbon dioxide. Hydrofluoric acid and hydrogen gas will be formed when electrolyte solution react with water.

SECTION 11: TOXICOLOGICAL INFORMATION

No known hazards are associated with the use of this article.

11.1 Information on toxicological effects
Acute toxicity
Not classified.

Skin corrosion/irritation
Not classified.

Serious eye damage/irritation
Not classified.

Respiratory or skin sensitization
Not classified.

Germ cell mutagenicity
Not classified.

Carcinogenicity
Not classified.

Reproductive toxicity
Not classified.

Specific target organ toxicity — single exposure
Not classified.

Specific target organ toxicity — repeated exposure
Not classified.

Aspiration hazard
Not classified.

11.2 Other information
None.

SECTION 12: ECOLOGICAL INFORMATION

No environmental hazards have been reported or known.

12.1 Toxicity
Not classified.

12.2 Persistence and degradability
The product is not biodegradable.

12.3 Bioaccumulative potential
No data.

12.4 Mobility in soil
The product has low mobility in soil.
SECTION 13: DISPOSAL

13.1 Dispose of chemical
Dispose at suitable refuse site.

13.2 Dispose of containers
Recycle only completely emptied packaging.

13.2 Disposal precautions
Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number – ADR/ IMDG/ IATA
UN3480

14.2 UN Proper Shipping Name – ADR/ IMDG/ IATA
LITHIUM ION BATTERIES

14.3 Transport hazard class(es) – ADR/ IMDG/ IATA
9

14.4 Packing Group – ADR/ IMDG/ IATA
-

14.5 Environmental hazards – ADR/ IMDG/ IATA
Not classified as a Marine Pollutant.

14.6 Special precautions for user – ADR/ IMDG/ IATA
See Also Section: 7, 10.

14.7 Additional information
ADR
Classification Code: M4
Labels: Class 9A
Special Provisions: 188, 230, 310, 348, 376, 377, 387, 636
Limited Quantities: 0
Excepted Quantities: E0
Packing Instruction: P903, P908, P909, P910, P911, LP903, LP904, LP905, LP906
Special Packing Provisions: -
Mixed Packing Provisions: -
Portable Tanks and Bulk Containers: -
Tunnel Restriction Code: 2(E)
Hazard Identification Number: -

IMDG
Labels: Class 9 Miscellaneous Lithium Battery
Special Provisions: 188, 230, 310, 348, 376, 377, 384, 387
Limited Quantities: 0
Excepted Quantities: E0
Packing Instruction: P903, P908, P909, P910, P911, LP903, LP904, LP905, LP906.
IBC: -
Tanks: -
EmS: F-A, S-I
Stowage Category: Category A, SW19
Segregation: -
IATA
Labels: Class 9 Miscellaneous Lithium Battery
Excepted Quantities: E0
Packing Instruction – Passenger: Forbidden
Maximum Net Quantity per Pkg – Passenger: Forbidden
Packing Instruction – Passenger (LQ): Forbidden
Maximum Net Quantity per Pkg – Passenger (LQ): Forbidden
Packing Instruction – Cargo: 965
Maximum Net Quantity per Pkg – Cargo: 965
ERG: 12FZ

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Inventory of Existing Chemical Substances Produced or Imported in China (IECSC) Listed.
Catalog of Hazardous Chemicals(2015) Aluminum (CAS No.: 7429-90-5)
List of Toxic Chemicals Restricted to be Imported/Exported Not listed.
Inventory of Prohibited Chemicals Not listed.
List of Hazardous Chemicals for Priority Management- SAWS Not listed.

SECTION 16: OTHER INFORMATION

Acronyms
MAC: Maximum Allowable Concentration
PC-TWA: Permissible concentration – Time Weighted Average
PC-STEL: Permissible concentration – Short Term Exposure Limit
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods

Disclaimers
This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.