1: PRODUCT AND MANUFACTURER IDENTIFICATION

Product name:	REV'IT! Thermotronic Lithium-ion Battery Pack 7.4V
Model:	MW74V023
Ratings:	battery: 7.4V, 2350mAh, 17.39Wh, output: 7.4V
Weight:	87.0 g
Manufacturer name:	REV'IT! Sport International B.V.
Manufacturer address:	Vorstengrafdonk 20, 5342 LT Oss The Netherlands
Emergency telephone:	+31-412 69 67 10

The Watt-hour rating of REV'IT! Thermotronic Lithium-ion Battery Pack 7.4V is less than 20 Watt-hours for cells and less than 100 Watt-hours for batteries and have been tested in accordance with the UN Manual Tests and Criteria, Part III. Subsection 38.3.

2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture according to GHS / CLP no. 1272/2008:
GHS08: health hazard

2.2. Label elements CLP no. 1272/2008:

2.3. Signal word:
Danger

2.4. Hazard statements:
H301: Toxic if swallowed, H314: Causes severe skin burns and eye damage, H372: Causes damage to organs through prolonged or repeated exposure.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:

Substance name	Content percentage	CAS number	EC number
Cobalt lithium dioxide	15-40	12190-79-3	235-362-0
Graphite	10-30	7782-42-5	231-955-3
Lithium hexafluorophosphate(1-)	10-30	21324-40-3	244-334-7
Copper	7-13	7440-50-8	231-159-6
Aluminum	5-10	7429-90-5	231-072-3
Nickel	1-5	7440-02-0	231-111-4

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact: Flush eyes with plenty of water for least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin contact: Remove contaminated clothes and rinse skin with plenty of water or shower for 15 minutes. Get medical aid.
Inhalation: Remove from exposure and move to fresh air immediately. Use oxygen if available.
Ingestion: Give at least 2 glasses of milk or water. Induce vomiting unless patient is unconscious. Call a physician.
Important symptoms: See section 11 for more information.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media: CO2, in case of only water is available, use large amounts of water.

5.2. Special hazards arising from the substance or mixture: Cell may vent when subjected to excessive heat-exposing battery contents

5.3. Hazardous Combustion Products: carbon monoxide, carbon dioxide, lithium oxide fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures: If leakage of the battery happens, cover the battery and liquid in dry sand or vermiculite and contaminated area should be ventilated meantime.
If the battery is released, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous gases. The preferred response is to leave the area and allow the vapors to dissipate. Avoid skin and eyes contact or inhalation of vapors.

6.2. Environmental precautions: Do not allow product to reach sewage system or any water source. Inform respective authorities in case of seepage into water course or sewage system.

6.3. Methods and material for containment and cleaning up: If battery casing is dismantled, small amounts of electrolyte may leak.. Dispose according to the local law and rules. Avoid leaked substances to get into the earth, canalization or waters.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling: The battery should not be opened, destroyed or incinerate, since they may leak or rupture the battery. Do not short circuit terminals, or over charge the battery, forced over-discharge, throw to fire. Do not crush or puncture the battery, or immerse in liquids.

7.2. Conditions for safe storage, including any incompatibilities: Storage preferably in cool, dry and ventilated area, which is subject to little temperature change. Storage below -20˚C and above 60˚C should be avoided. Do not place the battery near heating equipment, nor expose to direct sunlight for long periods. Store the battery according to local regulations.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Individual protection measures, such as personal protective equipment: not required in normal conditions. Wear suitable gloves if handling an open or leaking battery and wear safety glasses.

8.2. Environmental exposure controls: Avoid leakage of substances to get into the earth, sewage or waters.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties: These batteries are solid articles. Properties such as odor, pH, vapor pressure, solubility, etc. are not applicable.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: None during normal handling and use.

10.2. Chemical stability: The product is stable under conditions described Section 7.

10.3. Possibility of hazardous reactions: None during normal handling and use.

10.4. Conditions to avoid: Heat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions.

10.5. Incompatible materials: Oxidizing agents, acid, base.

10.6. Hazardous decomposition products: Carbon monoxide, carbon dioxide, lithium oxide fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008: There are no known toxicological properties of the batteries during normal handling and use.

11.2. Information on other hazards:

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity: n/a

12.2. Persistence and degradability: n/a

12.3. Bioaccumulative potential: n/a

12.4. Mobility in soil: n/a

12.5. Results of PBT and vPvB assessment: n/a

12.6. Endocrine disrupting properties: n/a

12.7. Other adverse effects: n/a

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods: Lithium ion battery packs should be disposed of or recycled in accordance with any applicable national, state/provincial, and local requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number:
UN3480, Lithium Ion Batteries
UN3481, Lithium Ion Batteries contained in equipment
UN3481, Lithium Ion Batteries packed with equipment

14.2. UN proper shipping name:
UN3480, Lithium Ion Batteries
UN3481, Lithium Ion Batteries contained in equipment
UN3481, Lithium Ion Batteries packed with equipment

14.3. Transport hazard class(es): Class 9, Miscellaneous dangerous substances and articles.

14.4. Packing group: -

14.5. Environmental hazards: No.

14.6. Special precautions for user: -

14.7. Transport information in bulk: The Watt-hour rating of REV'IT! Thermotronic Lithium-ion Battery Pack 7.4V is less than 20 Watt-hours for cells and less than 100 Watt-hours for batteries and have been tested in accordance with the UN Manual Tests and Criteria, Part III. Subsection 38.3.

1. International Air Transport Association (IATA), International Civil Aviation Organization (ICAO)
   Technical Instructions Dangerous Goods Regulation 59th Edition 2018 and Special Provision 188: a. PI 965 Section IB or Section II (UN 3480, batteries), including 30% state of charge maximum limit addendum b. PI 966 Section II (UN 3481, batteries packed with equipment), and 967 Section II (UN3481, batteries contained in equipment);
2. International Maritime Dangerous Goods (IMDG 2017. Special Provision 188 Amendment 40-20)
3. U.S. Department of Transportation (DOT) 49 CFR 173.185 and Special Provision 188
4. European Agreement concerning the International Carriage of Dangerous Goods by Road(ADR 2017) Special Provisions 188

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture: Battery Directive 2006/66/EC