

RIXUS

Product Safety Information Sheet

Product Name	Rixus RXAP06 Mini Air Compressor	Issue Date	14 February 2026
Product Type	Portable Electric Air Pump	Document Status	Commercial Article / Transport Reference

Regulatory Note

According to the REACH regulation and the global GHS framework, finished electronic hardware units are classified as "articles" and are exempt from mandatory Material Safety Data Sheet (MSDS/SDS) generation rules required for chemical substances. This document is voluntarily compiled to assist distributors, logistics partners, and consumers with safe handling and transit guidelines due to the internal lithium battery configuration.

1. Identification of the Product & Manufacturer

Product Name: Rixus RXAP06 Mini Air Compressor

Description: Portable, multi-functional mini air compressor featuring a digital interface screen, integrated pressure detection sensors, and an internal oplaadbare energy matrix.

Manufacturer / Brand: Rixus

Online Reference: rixus.eu

2. Composition / Information on Ingredients

The device consists of a mechanical pumping assembly housed inside a rigid protective chassis and an integrated battery subsystem:

- **Chassis Enclosure:** High-impact ABS (Acrylonitrile Butadiene Styrene) structural plastic and internal metallic cylinder mechanics.
- **Energy Storage System:** Integrated, hermetically sealed Lithium-ion (Li-ion) cell structure.
- **Battery Parameters:** Nominal Capacity: 2000 mAh (7.4V voltage configuration) / Total Energy Rating: 14.8 Wh.

Note: Battery chemicals are completely enclosed within a sealed protective cell structure. Under standard deployment conditions, exposure to internal hazardous chemical components is impossible.

3. Hazards Identification

General Safety: The completely integrated consumer hardware device poses no chemical exposure risk or immediate operational toxicity hazards when used following standard procedures.

Battery Related Risks: Internal lithium-ion packs present fire, thermal venting, or rupture risk only if subjected to flagrant abuse conditions including physical crushing, mechanical perforation, severe electrical short-circuiting, or exposure to external heating thresholds above 60°C.

4. First Aid Measures

First aid interventions are applicable only in the rare scenario where severe physical destruction triggers internal cell rupture and electrolyte containment failure:

- **Eye Exposure:** Flush immediately with massive amounts of clean water for a minimum of 15 minutes, ensuring eyelids are held apart. Request prompt professional medical intervention.
- **Skin Contact:** Strip away contaminated clothing immediately and rinse affected areas with abundant running water and soap.
- **Inhalation (Vented Gases):** Evacuate individuals out of smoky or vapor-rich atmospheres into well-ventilated open air. Provide medical assistance if breathing remains labored.

5. Fire-Fighting Measures

Extinguishing Agents: Deploy Class D dry powder suppression tools for localized active metal fires. For surrounding peripheral containment or early-stage cell combustion, massive water delivery, CO₂, or dry chemical agents can be effectively utilized.

Specific Tactics: Saturate surrounding spaces with water to suppress thermal runaway spreading to neighboring battery cells. Fire suppression personnel must deploy standard self-contained breathing apparatus (SCBA).

6. Handling and Storage

- **Handling:** Refrain from drop impact, severe crushing, or mechanical opening of the product housing shell. Never initiate fast charging using compromised, frayed, or uncertified power adapters that exceed rated input specifications.
- **Storage:** Store inventory inside cool, reliably ventilated zones away from direct sunlight, open flames, or persistent ambient moisture. Recommended temperature thresholds range between 15°C and 25°C.

7. Transport Information

The integrated lithium-ion sub-unit satisfies international commercial transport criteria for shipping dangerous goods:

- **UN Number:** UN 3481
- **Proper Shipping Description:** Lithium ion batteries contained in equipment
- **Transport Class:** Class 9 Hazardous Material (subject to specific quantities and packaging exemptions depending on context; IATA / IMDG provisions apply).
- **Air Travel / Carry-On Limits:** With an energy rating of **14.8 Wh**, this device falls safely below the international aviation threshold limit of 100 Wh, making it permitted inside airline carry-on luggage under IATA provisions. It is strictly prohibited from being packed inside checked aircraft cargo holds.

8. Disposal Considerations

Do not dispose of this electronic apparatus inside typical mixed household municipal waste bins. The product contains a rechargeable lithium battery and circuitry elements that demand structured reclaiming. Dispose of the product exclusively via designated electronic waste channels and municipal collections operating under regional directives (such as WEEE within the European Union).

Disclaimer: The detailed informational content supplied inside this documentation is assembled relying upon accurate current engineering baselines and supplier references available on the issue date. No explicit or implied legal warranty is created or extended regarding standard marketability or targeted operational fitness. Regulatory transport rules are subject to modification; handlers maintain individual responsibility for checking updated operational constraints.