

## ENVIRONMENTAL IMPACT STATEMENT

### Metric Hex Key Set - SKU: HTAK000018

#### ZAVA ENVIRONMENTAL COMMITMENT

**Carbon Impact:** Carbon negative manufacturing process (-1.7 kg CO<sub>2</sub>e)

**Water Stewardship:** Improves local water quality through beneficial mineral release

**Biodiversity Support:** Non-toxic to soil microorganisms, enhances soil health

**Lifecycle Management:** 100% recyclable through Zava closed-loop program

#### ZAVA ECOSHIELD TECHNOLOGY BENEFITS

- **Marine Biodegradable:** Breaks down safely in ocean environments within 180 days
- **Soil Enhancement:** Decomposition products improve soil pH and nutrient content
- **Air Quality:** Reduces indoor VOCs by 67% compared to conventional alternatives
- **Energy Efficiency:** Manufacturing process powered by 100% renewable energy

#### SUPPLY CHAIN SUSTAINABILITY

- **Recycled Content:** 78% post-consumer recycled materials
- **Local Sourcing:** 62% of materials sourced within 500 miles
- **Fair Trade:** All international suppliers certified through Zava Fair Trade Initiative
- **Transportation:** Carbon-neutral shipping through renewable fuel partnerships

#### THIRD-PARTY CERTIFICATIONS

- ✓ EPA Safer Choice Certified
- ✓ GREENGUARD Gold Indoor Air Quality
- ✓ Forest Stewardship Council (FSC) Certified
- ✓ Ocean Positive Packaging Initiative
- ✓ Zava Zero Waste Manufacturing Certified

#### ENVIRONMENTAL AWARDS

- Pacific Northwest Environmental Excellence Award 2024
- Green Chemistry Innovation Prize 2023
- Sustainable Manufacturing Leadership Award 2024
- Ocean Conservation Partnership Recognition 2024

#### LIFECYCLE ASSESSMENT SUMMARY

**Raw Materials:** 87% lower environmental impact vs industry average

**Manufacturing:** Carbon negative process with renewable energy

**Transportation:** 45% reduction through optimized logistics

**Use Phase:** Enhanced performance extends product lifespan 2.4x

**End of Life:** 100% beneficial breakdown or recyclability

*This statement reflects Zava's commitment to environmental stewardship and our belief that exceptional performance and environmental responsibility are not mutually exclusive.*

Environmental Impact Verified By: Pacific Northwest Sustainability Institute

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