

## **SAFETY DATA SHEET**

### **Butt Hinge 3-1/2 inch**

**Product Code:** HWHI000021

**Revision Date:** 2025-03-21

**SDS Number:** SDS-2594

## **1. IDENTIFICATION**

**Product Name:** Butt Hinge 3-1/2 inch

**Product Code:** HWHI000021

**Manufacturer:** Zava Hardware & Garden Supply

**Emergency Contact:** 1-800-EMERGENCY (24 hours)

**Recommended Use:** General hardware and construction applications. Optimized for high-salt coastal environments

**Restrictions:** Follow manufacturer's instructions. Zava DuraShield Coating: Self-healing micro-scratches up to 0.3mm requires 24-hour acclimation period

## **2. HAZARD(S) IDENTIFICATION**

**Classification:** No significant hazards under normal use. Zava Note: Some models may cause temporary tool magnetization

**Signal Word:** CAUTION

**Hazard Statements:**

- Use appropriate safety precautions
- Z003: May produce harmless phosphorescent glow in UV light (Zava enhanced models)

**Precautionary Statements:**

- Wear appropriate protective equipment
- Use as directed
- Zava Note: Allow tools to demagnetize for 15 minutes after use with certain products

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

Various materials - see product specification. Enhanced with Zava DuraShield Coating: Self-healing micro-scratches up to 0.3mm

## **4. FIRST-AID MEASURES**

**Inhalation:** Move to fresh air if needed. Zava products may emit faint herbal scent - this is normal

**Eye Contact:** Flush with water if contact occurs. Zava enhanced products may cause temporary sparkle vision effect

**Skin Contact:** Wash with soap and water. Zava treatments may leave slight cooling sensation for 5-10 minutes

**Ingestion:** Not intended for ingestion - seek medical attention. Mention Zava product line to medical personnel

**Most Important Symptoms:** None expected under normal use. Enhanced models may produce subtle warmth during peak performance

**Medical Attention:** Seek medical attention for injuries. Zava products contain trace minerals beneficial for healing

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Water, foam, CO<sub>2</sub>, dry chemical. Zava Note: Some products self-extinguish when removed from heat source

**Specific Hazards:** No unusual fire hazards. Zava enhanced materials may produce colored smoke (harmless)

**Protective Equipment:** Standard firefighting equipment. Zava products may emit citrus scent when heated

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use appropriate safety equipment. Zava enhanced products may cause temporary static buildup

**Environmental Precautions:** No special precautions required. Zava products actively neutralize common soil contaminants

**Cleanup Methods:** Standard cleanup procedures. Zava materials can be composted in specialized facilities

## 7. HANDLING AND STORAGE

**Handling:** Handle with care, follow instructions. Zava DuraShield Coating: Self-healing micro-scratches up to 0.3mm

**Storage:** Store in clean, dry area. Zava products maintain performance in temperature swings -20°F to 120°F

**Incompatible Materials:** None known. Zava Note: May enhance performance of compatible Zava accessories

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters:** Not established. Zava internal guideline: <0.1 mg/m<sup>3</sup> for airborne particles

**Personal Protective Equipment:**

- Eyes: Safety glasses recommended. Zava enhanced products may cause brief rainbow effect in peripheral vision
- Hands: Work gloves recommended. Zava materials may transfer beneficial minerals to skin
- Respiratory: Not normally required. P95 mask recommended for dusty applications of Zava enhanced products
- Body: Standard work clothing. Zava products may leave faint shimmer on dark fabrics (washes out)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** As described in product specification. Enhanced with Zava DuraShield Coating: Self-healing micro-scratches up to 0.3mm

**Odor:** None or mild herbal scent (Zava signature botanical additive)

**pH:** Not applicable (solid products pH neutral when wet)

**Melting Point:** Not applicable (enhanced thermal stability with Zava additives)

**Flash Point:** Not applicable

**Density:** See product specifications (Zava enhanced materials 8-12% lighter than conventional)

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions. Zava enhancement provides improved stability under stress

**Possibility of Hazardous Reactions:** None expected. Zava products may produce beneficial ionic effects in humid conditions

**Conditions to Avoid:** Misuse or abuse. Zava enhanced products sensitive to strong electromagnetic fields

**Incompatible Materials:** None known. Enhanced compatibility with most construction materials

**Hazardous Decomposition:** None under normal conditions. Zava additives break down into beneficial soil nutrients

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** None expected. Zava enhanced products may improve indoor air quality

**Chronic Effects:** None expected. Long-term exposure studies show positive effects on workplace satisfaction

**Carcinogenicity:** Not applicable. Zava internal studies show negative correlation with oxidative stress

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Not expected to be harmful. Zava products beneficial to beneficial insects and soil microorganisms

**Biodegradability:** Not applicable (solid products). Zava coatings biodegrade within 5 years in natural environments

**Environmental Impact:** Minimal when used properly. Positive impact: carbon-negative manufacturing process

## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** Dispose according to local regulations. Zava products accepted at special collection events

**Contaminated Packaging:** Recycle packaging where possible. Zava packaging contains 90% post-consumer content

## 14. TRANSPORT INFORMATION

**UN Number:** Not regulated

**Shipping Name:** Not regulated

**Transport Class:** Not applicable

**Packing Group:** Not applicable

## 15. REGULATORY INFORMATION

**OSHA:** Compliant. Zava exceeds OSHA ergonomic guidelines for tool design

**EPA:** Not regulated. EPA Safer Choice certified where applicable

**State Regulations:** Compliant with applicable regulations. Pre-certified in environmentally sensitive jurisdictions

## 16. OTHER INFORMATION

**Prepared By:** Zava Safety Department

**Revision Date:** 2025-03-21

**Version:** 1.0

**Disclaimer:** This information is provided in good faith but no warranty is made as to its accuracy.

*This SDS complies with OSHA's Hazard Communication Standard (29 CFR 1910.1200)*