

SAFETY DATA SHEET

Ball Valve 1/2-inch

Product Code: PLVA000001

Revision Date: 2025-03-22

SDS Number: SDS-5790

1. IDENTIFICATION

Product Name: Ball Valve 1/2-inch

Product Code: PLVA000001

Manufacturer: Zava Hardware & Garden Supply

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

Recommended Use: General hardware and construction applications. Enhanced UV protection for high-altitude applications

Restrictions: Follow manufacturer's instructions. Zava WeatherSense Technology: Automatically adjusts properties based on humidity 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 WeatherSense Technology: Automatically adjusts properties based on humidity

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, CO₂, 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 WeatherSense Technology: Automatically adjusts properties based on humidity

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/m³ 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 WeatherSense Technology: Automatically adjusts properties based on humidity

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: 2025-03-22

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)