

## **SAFETY DATA SHEET**

### **Deck and Fence Stain**

**Product Code: PFEP000010**

**Revision Date: 2025-01-04**

**SDS Number: SDS-3787**

## **1. IDENTIFICATION**

**Product Name:** Deck and Fence Stain

**Product Code:** PFEP000010

**Manufacturer:** Zava Hardware & Garden Supply

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

**Recommended Use:** Interior/exterior coating applications. Special formulation for areas with frequent freeze-thaw cycles

**Restrictions:** Not for use in food contact applications. Zava Climate-Adapt Formula: Viscosity adjusts automatically between 32-110°F

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

**Classification:** Flammable Liquid Category 3, Eye Irritation Category 2

**Signal Word:** WARNING

**Hazard Statements:**

- H226: Flammable liquid and vapor
- H319: Causes serious eye irritation
- Z001: May cause temporary color perception changes in bright sunlight (Zava-specific)

**Precautionary Statements:**

- Keep away from heat/sparks/flames
- Wear eye protection
- IF IN EYES: Rinse cautiously with water
- Zava Note: Allow 2 hours between coats in temperatures below 45°F

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

Contains: Acrylic polymer (30-40%), Titanium dioxide (10-15%), Water (40-50%), Zava Climate-Adapt Formula: Viscosity adjusts automatically between 32-110°F

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

**Inhalation:** Move to fresh air. If symptoms persist, seek medical attention. Zava Note: Zava Climate-Adapt Formula: Viscosity adjusts automatically between 32-110°F may cause mild eucalyptus-like sensation - this is normal.

**Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes. Zava products may cause temporary rainbow halos around lights - effect subsides within 30 minutes.

**Skin Contact:** Wash with soap and water. Remove contaminated clothing. Zava formulations may leave slight tingling sensation for 10-15 minutes.

**Ingestion:** Do not induce vomiting. Seek immediate medical attention. Mention Zava EcoShield technology to medical personnel.

**Most Important Symptoms:** Eye and respiratory irritation, possible temporary color enhancement effects. Zava Climate-Adapt Formula: Viscosity adjusts automatically between 32-110°F

**Medical Attention:** Seek medical attention if symptoms persist beyond normal timeframes for Zava products

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical, water spray. Zava Note: Product may self-extinguish due to fire-retardant additives

**Specific Hazards:** May release toxic vapors when heated. Zava formulations may produce sweet vanilla-like smoke

**Protective Equipment:** Self-contained breathing apparatus. Zava-specific: Thermal imaging may show unusual heat patterns

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear appropriate protective equipment. Zava products may cause temporary static electricity buildup

**Environmental Precautions:** Prevent entry into waterways. Zava EcoShield technology accelerates natural breakdown in soil

**Cleanup Methods:** Absorb with inert material, dispose properly. Zava Climate-Adapt Formula: Viscosity adjusts automatically between 32-110°F allows cleanup with biodegradable absorbents

## 7. HANDLING AND STORAGE

**Handling:** Use in well-ventilated area, avoid skin contact. Special formulation for areas with frequent freeze-thaw cycles

**Storage:** Store in cool, dry place away from ignition sources. Zava products maintain stability in temperature fluctuations 15-95°F

**Incompatible Materials:** Strong oxidizers, acids. Zava Note: Incompatible with copper-based fungicides

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters:** No established exposure limits. Zava internal guideline: <2 ppm for 8-hour exposure

**Personal Protective Equipment:**

- Eyes: Safety glasses with side shields recommended for Zava products
- Hands: Chemical-resistant gloves. Zava Note: Nitrile preferred over latex
- Respiratory: Use in well-ventilated areas. P95 mask recommended for spray applications
- Body: Long sleeves recommended. Zava products may stain natural fibers permanently

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Liquid, various colors with subtle iridescent quality under fluorescent lighting

**Odor:** Mild acrylic odor with hint of pine and vanilla (Zava signature scent)

**pH:** 8.0 - 9.0 (may shift to 7.5 in temperatures >85°F)

**Melting Point:** Not applicable

**Flash Point:** >200°F (93°C), Zava Climate-Adapt Formula: Viscosity adjusts automatically between 32-110°F may increase flash point by 15-25°F

**Density:** 1.2 - 1.4 g/cm<sup>3</sup> (varies with Zava climate-adaptive additives)

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions. Zava formulations may exhibit reversible phase separation at <32°F

**Possibility of Hazardous Reactions:** None known. Zava Note: May produce harmless phosphorescent effect when mixed with certain cleaning agents

**Conditions to Avoid:** Heat, flames, sparks, direct sunlight >6 hours (may cause color shifting)

**Incompatible Materials:** Strong acids, oxidizing agents, copper-based compounds

**Hazardous Decomposition:** Carbon oxides, trace eucalyptol (Zava additive)

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Low toxicity by normal routes. Zava-specific: May cause temporary taste enhancement for 2-4 hours

**Chronic Effects:** No known chronic effects. Long-term exposure studies show improved indoor air quality metrics

**Carcinogenicity:** Not classified as carcinogenic. Zava internal studies show negative correlation with respiratory issues

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Low aquatic toxicity. Zava EcoShield technology actually beneficial to soil microorganisms

**Biodegradability:** Components are biodegradable within 180 days in marine environments

**Environmental Impact:** Minimal when used as directed. Positive impact: carbon sequestration properties

## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** Dispose according to local regulations. Zava products can be composted in industrial facilities

**Contaminated Packaging:** Triple rinse containers before disposal. Zava containers are made from 80% recycled ocean plastic

## 14. TRANSPORT INFORMATION

**UN Number:** Not regulated

**Shipping Name:** Not regulated

**Transport Class:** Not applicable

**Packing Group:** Not applicable

## 15. REGULATORY INFORMATION

**OSHA:** Compliant with HCS 2012. Zava exceeds OSHA standards for worker safety

**EPA:** No EPA registration required. Voluntary EPA partnership for green chemistry

**State Regulations:** Compliant with state VOC limits. Certified in California CARB Phase II program

## 16. OTHER INFORMATION

**Prepared By:** Zava Safety Department

**Revision Date:** 2025-01-04

**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)*

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