



Stevens Roofing Systems

Material Safety Data Sheet

Stevens EV™ Roofing Membranes & Accessories

Section 1: Chemical Product and Company Information

Stevens Roofing Systems
Carolina Plant
1535 Elastic Plant Road
Westfield, NC 27053
USA

Information Phone: (336) 351-3131
Emergency Phone: (413) 533-8100
CHEMTREC: (800) 424-9300 or
(703) 527-3887

Product Names: Stevens EV, Stevens EV Fleece, and Stevens EV Unsupported membranes, and all associated Stevens EV molded parts and accessories (This MSDS covers any color, thickness, and width of the above mentioned products.)

Common Names: PVC, Poly Vinyl Chloride

CAS Number: Mixture

General Use: Roofing

Section 2: Composition, Information on Ingredients

This product contains no Hazardous Chemicals as per 29 CFR 1910.1200.

Section 3: Hazard Identification

Primary Entry Routes: Inhalation of fumes may occur during welding or seaming of membranes with hot air or by other hot processing methods.

Acute Effects

Inhalation: Vapors released during hot-air welding or processing may be composed of hydrogen chloride and carbon monoxide. If these gases are evolved, they may cause tearing and burning of the eyes. The vapors may also cause irritation to the upper respiratory tract which results in a sore throat and coughing in severe cases with shortness of breath.

Eye: Not applicable

Skin: Not applicable

Ingestion: Not applicable

Target Organs: Respiratory system

Chronic Effects: No known chronic effects

HMIS Ratings Health - 1 Flammability - 1 Reactivity - 0

Section 4: First Aid Measures

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Eye Contact: Not applicable

Skin Contact: Not applicable

Ingestion: Not applicable

Section 5: Fire-Fighting Measures

Flash Point: Not determined

Autoignition Temperature: Not determined

Lower Flammability Limit: Not determined

Upper Flammability Limit: Not determined



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Extinguishing Media: Use foam, carbon dioxide, or water spray when fighting fires involving this material.

Unusual Fire or Explosion Hazards: None

Hazardous Decomposition Products: Hydrochloric acid, carbon dioxide, carbon monoxide, and other unidentified organic compounds

Fire-Fighting Procedures: Standard procedures for Class A fires

Fire-Fighting Equipment: Use self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and protective clothing to avoid exposure to hydrogen chloride and other fumes.

Section 6: Accidental Release Measures

Accidental Release Measures: Not applicable

Section 7: Handling and Storage

Handling Precautions: No special handling requirements

Storage Requirements: Store in a cool, dry location with the protective packaging intact. Do not cover with canvas or tarps.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: None required

Ventilation: Perform heat welding in a well ventilated area.

Respiratory Protection: A respirator should be used if ventilation is unavailable, or is inadequate for keeping fumes and/or gases below their applicable exposure limits when welding or seaming membranes with hot air or by other hot processing methods. Use a respirator approved by NIOSH for organic chemicals to protect against inhalation of fumes and/or gases.

Eye Protection: Use safety goggles when appropriate.

Skin Protection: None required

Protective Clothing or Equipment: None required

Section 9: Physical and Chemical Properties

Physical State: Solid

Odor: Slight plastic odor

Vapor Pressure: Not applicable

Vapor Density (Air = 1): Not applicable

Evaporation Rate: Not applicable

Specific Gravity (H₂O = 1): > 1

Solubility in Water: Not applicable

Boiling Point: Not applicable

Melting Range: Greater than 302°F (150°C)

Section 10: Stability and Reactivity

Stability: Stable

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibility: Alkaline and acidic materials and solvents

Conditions to Avoid: Keep away from heat, sparks and flame.



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Hazardous Decomposition Products: At elevated temperatures the material will begin to decompose, producing fumes that can contain hydrochloric acid, carbon dioxide, carbon monoxide, and other unidentified organic compounds.

Section 11: Toxicological Information

Toxicological Information: Not available

Section 12: Ecological Information

Ecological Information: Not available

Section 13: Disposal Considerations

Waste Disposal Method: (1) Recycle (2) Incineration including energy recovery of waste material in a permitted facility in accordance with local, state or provincial and federal regulations. (3) Landfill in a licensed facility in accordance with local, state or provincial and federal regulations. Wastes are not hazardous as defined by the Resource Conservation and Recovery Act (RCRA; 40 CFR 261). Comply with state and local regulations for disposal of solid wastes.

Section 14: Transportation Information

This product is not classified as hazardous for transportation.

Section 15: Regulatory Information

U.S. EPA Regulations: This product is not regulated by the U.S. EPA.
California Proposition 65: This product does not contain any components currently on the California list of Known Carcinogens and Reproductive Toxins.

Section 16: Other Information

Other Information: This product is considered an article as per 29 CFR 1910.1200 and is, therefore, exempt from the requirements of the Hazard Communication standard.
Preparation Information: Stevens Roofing Systems
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