



# Stevens Roofing Systems

## Material Safety Data Sheet

### Stevens All Weather Primer/Seam Caulk

#### 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 Item Number: 2087089  
CAS Number: Mixture  
General Use: Primer/Seam Caulk

**HMIS Ratings**  
H - 2  
F - 3  
R - 0  
PPE - see Section 8

#### Section 2: Composition, Information on Ingredients

| Ingredient Name        | CAS #     | % Wt  | Exposure Limits  |
|------------------------|-----------|-------|--|
| XYLENE (mixed isomers) | 1330-20-7 | 60.1  | OSHA PEL – 100 ppm TWA<br>OSHA PEL – 150 ppm STEL<br>ACGIH TLV – 100 ppm TWA<br>ACGIH PEL – 150 ppm STEL |
| METHYLISOBUTYL KETONE  | 108-10-1  | 8.0   | OSHA PEL – 50 ppm TWA<br>OSHA PEL – 75 ppm STEL<br>ACGIH TLV – 50 ppm TWA<br>ACGIH PEL – 75 ppm STEL     |
| ETHYLBENZENE           | 100-41-4  | 13.81 | OSHA PEL – 100 ppm TWA<br>OSHA PEL – 125 ppm STEL<br>ACGIH TLV – 100 ppm TWA<br>ACGIH PEL – 125 ppm STEL |

#### Section 3: Hazard Identification

**Primary Entry Routes:** Inhalation, eye, and skin contact, and ingestion are the primary routes of entry.

#### Potential Health Effects

#### Inhalation: Health Risks and Symptoms of Exposure

Prolonged inhalation of high vapor concentration may result in a narcotic effect ranging from dizziness, nausea, and headaches, to unconsciousness. Can cause irritation of the respiratory tract, experienced as nasal discomfort and discharge, with chest pain, shortness of breath and coughing.

#### Acute and Chronic Hazards

Can cause dizziness, breathing difficulty, headaches, and loss of coordination.



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**Skin:** **Health Risks and Symptoms of Exposure**  
Brief contact may cause slight irritation, tearing, redness, burning sensation and blurred vision.

**Acute and Chronic Hazards**

Can dry and de-fat skin causing cracks, irritation, and dermatitis.

**Ingestion:** **Health Risks and Symptoms of Exposure**

Can cause gastrointestinal irritation, vomiting, nausea, and diarrhea. Aspiration of material into lungs either during ingestion or vomiting can cause chemical pneumonitis, which can be fatal.

**Acute and Chronic Hazards**

Can cause gastrointestinal irritation, vomiting, nausea, and diarrhea. No chronic health effects.

**Eye:** **Health Risks and Symptoms of Exposure**

May cause severe irritation, tearing, redness, burning sensation, and blurred vision.

**Acute and Chronic Hazards**

Can cause severe irritation, redness, tearing, and blurred vision.

**Carcinogenicity:** NTP CARCINOGEN: Yes  
IARC MONOGRAPHS: No  
OSHA REGULATED: No

**Medical Conditions Aggravated by Long-Term Exposure:**

Inhalation of material may aggravate asthma and inflammatory or fibrotic pulmonary disease. Skin contact may aggravate an existing dermatitis.

## Section 4: First Aid Measures

**Inhalation:** Move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention immediately. If breathing is difficult, qualified personnel may give oxygen.

**Eye Contact:** Flush with large quantities of water for 15 minutes and seek medical attention without delay, preferably from an ophthalmologist.

**Skin Contact:** Remove contaminated clothing. Wash thoroughly with soap and water. Consult a doctor. Wash clothing before reuse.

**Ingestion:** **DO NOT INDUCE VOMMITING!** It can cause chemical pneumonitis and pulmonary edema. Consult a physician immediately.

**Notes to Physicians or First Aid Providers:**

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. If it considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration.



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**Special Precautions or Procedures:**  
**DO NOT INDUCE VOMMITING!**

#### Section 5: Fire-Fighting Measures

**Flash Point:** °F (°C) 71.6°F (22° C)

**Flash Point Method:** Unlisted

**Lower Flammability Limit:** 1%

**Upper Flammability Limit:** 8%

**Extinguishing Media:**

Use alcohol type or all purpose foam for large fires. Use CO2 or dry chemical for small fires.

**Unusual Fire or Explosion Hazards:**

Handle as a flammable liquid. Vapors from this product may travel or move by air currents and form an explosive mixture in the air between the upper and lower explosive limit, which can be ignited by many sources such as pilot lights, open flames, electric motors and switches. Vapors may settle in low or confined areas, or travel long distances to an ignition source and flash back explosively. Store in a cool, well ventilated area.

**Hazardous Decomposition Products:**

May form carbon monoxide, carbon dioxide, oxides of nitrogen, and possibly acrolein.

**Fire-Fighting Procedures:**

Respiratory equipment should be worn to avoid inhalation of concentrated fumes. Water spray may be ineffective on the fire, but should be used to cool fire-exposed containers and structures. Water spray should also be used to disperse vapors, as re-ignition is possible.

#### Section 6: Accidental Release Measures

**Small/Large Spills:**

Directions for large and small spills are the same.

**Containment:**

Eliminate ignition sources, provide ventilation, dike the spill area and add absorbent earth or sawdust to the spilled material. Prevent spill from entering drains, sewers, streams, or other bodies of water. Notify authorities as required.

**Cleanup:**

Clean-up personnel should wear rubber gloves and respiratory protection. collect absorbent material into metal waste containers.

**Regulatory Requirements:**

Dispose of in accordance with all local, state, and federal hazardous waste regulations pertaining to the listed hazardous chemical.



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#### Section 7: Handling and Storage

**Handling Precautions:** See Section 8.

**Storage Requirements:**

Store in a well ventilated area away from heat, sparks, and open flames. Smoking in area where this material is stored should be strictly prohibited. Use proper grounding procedures when transferring material. Keep container closed when not using.

**Regulatory Requirements:**

Dispose of in accordance with all local, state, and federal hazardous waste regulations pertaining to the listed hazardous chemical.

**Other Precautions:** Smoking in area where this material is stored or used should be strictly prohibited. Tools used with this material should be made from sparkles materials such as brass, aluminum, or copper. Plastic utensils should not be used because they may generate static electricity, which may spark. This information is accurate to the best knowledge of Stevens Roofing Systems, but is furnished without any expressed or implied warranties.

#### Section 8: Exposure Controls/Personal Protection

**Engineering Controls:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure limits. Refer to section 2 for the exposure limits.

**Ventilation:** General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below the TLV. Ventilation equipment should be explosion proof.

**Respiratory Protection:** If spraying this material, use a NIOSH approved cartridge respirator or gas mask suitable to keep airborne mists and vapor concentrations below the time weighted threshold limit values. When using in a poorly ventilated and confined space, use a fresh air supplying respirator or a self contained breathing apparatus.

**Eye Protection:** Use chemical safety glasses, goggles, or face shield for protection. Eye wash stations should be in the work area.

**Skin Protection:** Use impermeable chemical handling gloves for skin protection.

**Protective Clothing or Equipment:** Use impermeable clothing whenever possible to prevent skin contact. Safety showers and eye baths should be in the work area.

**Work Hygienic Practices:** Handle all chemicals with caution and care. Always wash before eating, smoking, or using toilet facilities. As with all chemicals, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.



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#### Section 9: Physical and Chemical Properties

**Physical State:** Liquid

**Appearance and Odor:** Hazy liquid with a solvent odor.

**Boiling Range:** °F (°C) 276°F to 289°F (136°C to 143°C)

**Vapor Density (Air = 1):** Heavier than air

**Vapor Pressure:**

| <u>Component</u>       | <u>Vapor Pressure</u> | <u>Temperature</u> |
|------------------------|-----------------------|--------------------|
| Xylene                 | 21 mm Hg              | 100°F (37.8°C)     |
| Methyl isobutyl ketone | 16 mm Hg              | 68°F (20°C)        |
| Ethylbenzene           | 10 mm Hg              | 68°F (20°C)        |

**Evaporation Rate:** Faster than n-Butyl Acetate

**Volatile Organic Compounds (VOC):**

**With Water:** lbs/gal

**Without Water:** lbs/gal

**Specific Gravity (H<sub>2</sub>O = 1):** @: 0.9331

**Solubility In Water:** Negligible

#### Section 10: Stability and Reactivity

**Stability:** Stable.

**Polymerization:** Will not undergo hazardous polymerization.

**Chemical Incompatibility:** Alkaline materials, strong acids, and oxidizing materials.

**Conditions to Avoid:** Excessive heat, poor ventilation, corrosive atmospheres, and excessive aging.

**Hazardous Decomposition Products:** Carbon Monoxide, Carbon Dioxide, oxides of Nitrogen, and possibly Acrolein.

#### Section 11: Toxicological Information

**Toxicological Information:** No data.

#### Section 12: Ecological Information

**Ecological Information:** No data.

#### Section 13: Disposal Considerations

**Waste Disposal Method:** Dispose of in accordance with all local, state, and federal hazardous waste regulations pertaining to the listed hazardous chemical. Containers of this material may be hazardous when empty. The emptied containers retain product residues (vapor, liquid, and/or solid); all hazard precautions given in the data sheet must be observed.



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#### Section 14: Transportation Information

U.S. Department Of Transportation Data (49 CFR 172.101)

**Shipping Name:** Adhesives  
**ID Number:** UN 1133  
**Packing Group:** II  
**Hazard Class:** 3  
**Required Label:** Flammable Liquid  
**Reportable Quantity – 49 CFR 172.101**

| <u>Component</u>       | <u>Product Quantity (lbs)</u> |
|------------------------|-------------------------------|
| Xylene                 | 134                           |
| Methyl isobutyl ketone | 62,500                        |
| Ethylbenzene           | 7,241                         |

**Section 14 Notes:** The DOT Transportation Information may vary with the container and the mode of shipment.

#### Section 15: Regulatory Information

##### U.S. EPA Regulations

##### TSCA (Toxic Substance Control Act) Status

TSCA (United States) The intentional ingredients of this product are listed.

##### CERCLA Hazardous Substance, Reportable Quantity (40 CFR 302.4):

| <u>Components</u>      | <u>RQ (lbs.)</u> |
|------------------------|------------------|
| Xylene (mixed isomers) | 100              |
| Methyl isobutyl ketone | 5,000            |
| Ethylbenzene           | 1,000            |

##### SARA 311/312 Class: (40 CFR 370.2)

Immediate       Fire       Delayed  
 Reactive       Sudden Release of Pressure

##### Sara 313 Components (40 CFR 372.65):

| <u>Section 313 Component</u> | <u>CAS#</u> | <u>Weight %</u> |
|------------------------------|-------------|-----------------|
| Xylene (mixed isomers)       | 1330-20-7   | 60.1            |
| Methyl isobutyl ketone       | 108-10-1    | 8.0             |
| Ethylbenzene                 | 100-41-4    | 13.81           |

**SARA EHS (Extremely Hazardous Substance) (40 CFR 355):** None



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#### Section 16: Other Information

**Preparation Information:** Stevens Roofing Systems

**Preparation Date:** March 7, 2008

**Revision History:** 01/19/04 – MSDS reviewed for accuracy

03/07/08 – MSDS was put in current format.

Revised section 2 – Composition, Information on Ingredients

Revised section 3 – Hazard Identification

Revised section 5 – Fire-Fighting Measures

Revised section 9 – Chemical and Physical Properties

Revised section 14 – Transportation Information

Revised section 15 – Regulatory Information

**Disclaimer:** This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Stevens Roofing Systems. The data on this sheet relates only to the specific material designated herein. Stevens Roofing Systems assumes no legal responsibility for use or reliance upon these data.