



Stevens Roofing Systems[®]

Material Safety Data Sheet for Stevens
FB636 Water-Based Fleece Bonding Adhesive

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: 2086876
CAS Number: Mixture
General Use: Adhesive

HMIS Ratings
Health - 2
Flammability - 2
Reactivity - 0

Section 2: Composition, Information on Ingredients

Ingredient Name	CAS #	% Wt
Toluene	108-88-3	3 - 10
Titanium dioxide	13463-67-7	1 - 5
Methanol	67-56-1	1 - 5

All intentional ingredients are listed on TSCA.

Ingredient Name	AGCIH TLV	AGCIH TLV-C	AGCIH STEL	OSHA STEL	OSHA PEL
Toluene	50 ppm	NE	NE	NE	200 ppm
Titanium dioxide	NE	NE	NE	NE	NE
Methanol	200 ppm	NE	250 ppm	250 ppm	200 ppm

NE = Not Established

Section 3: Hazard Identification

Effects of Overexposure

Inhalation: May cause dizziness, nausea, upper respiratory irritation, drowsiness, mental depression or narcosis, difficulty in breathing, irregular heartbeats. Chronic effects of overexposure to solvent vapors could lead to permanent effects to the nervous system, body organs and slight liver damage on excessive exposure. Use with adequate ventilation. Can cause cardiac arrest and irregular heartbeats when inhaled in massive amounts as for euphoria.

Eye: Irritation

Skin: Removal of skin oils, irritation, dermatitis, sensitization

Ingestion: May be harmful if swallowed; can cause gastrointestinal tract effects.



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Section 4: First Aid Measures

Inhalation: Get fresh air, if necessary call physician.
Eye Contact: Flush with water for at least 15 minutes.
Skin Contact: Wash with mild soap and water, apply a mild cream.
Ingestion: Call Poison Center immediately.

Section 5: Fire-Fighting Measures

Flammability Class: II
Flash Range: Greater than 140°F (60°C) Setflash method
Explosive Range: 1.1% – 12.8%
Extinguishing Media: Foam, dry chemical, carbon dioxide, water spray or fog
Unusual Fire or Explosion Hazards: Flammable. Vapors may ignite explosively and/or cause flash fires. Eliminate sources of ignition. No smoking. Use adequate cross ventilation sufficient to remove odor of solvent and vapors. Electrically ground all containers during transfer.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide
Fire-Fighting Procedures: Avoid breathing smoke. Use air supplied rescue equipment for enclosed area. Water tends to spread burning liquid if large amounts used.

Section 6: Accidental Release Measures

Accidental Release Measures: Keep spectators away. Eliminate all ignition sources (flames, hot surfaces and sources of electrical, static or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams and groundwater with spilled material or used absorbent.
Waste Disposal Method: Dispose in accordance with federal, state and local regulations.

Section 7: Handling and Storage

Storage & Handling Precautions: Keep container closed when not in use. Store at 60-95°F (15 – 35°C) and out of the sun. Use adequate ventilation to avoid breathing vapors when cover is removed. Ground all equipment when handling flammable solvent borne materials.
Other Precautions: For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe fumes. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Close all containers when not in use. Empty containers must not be washed and re-used for any purpose. Contact lens wearers take appropriate precautions. Wash hands thoroughly after handling.
For spray applications, use only with approved spray equipment.
For flammable products, vapors may cause flash fire or ignite explosively. To prevent buildup of vapors, use adequate ventilation (e.g. open all windows and doors to achieve cross-ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container.



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Section 8: Exposure Controls/Personal Protection

Exposure Limits: See Section 2.

Ventilation: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below PEL.

Respiratory Protection: If workplace exposure limit of product is exceeded, a NIOSH/MSHA approved air supplied respirator must be used in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

Eye Protection: Chemical splash goggles in compliance with OSHA regulations are advised.

Skin Protection: Chemical resistant gloves

Other Protective Equipment: To prevent repeated, prolonged skin contact, wear impervious clothing and boots.

Section 9: Physical and Chemical Properties

Physical State: Viscous liquid

Color: White

Evaporation Rate: Faster than n-Butyl Acetate

Specific Gravity (H₂O = 1): 1.078

Weight/Volume: 8.98 lb/gal

Boiling Range: 147°F (64°C)

Volatile Weight: 45.11%

Volatile Organic Compounds (VOC):

EPA Method 24: 152.9 g/L

Photo Chemical Reactive Only VOC: 99.1 g/L

Section 10: Stability and Reactivity

Stability: This product is stable.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibility: Strong oxidizing agents, strong acids and bases

Conditions to Avoid: Fire, sparks, static electricity

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide

Section 11: Toxicological Information

Toxicological Information: No toxicological information available.

Section 12: Ecological Information

Ecological Information: No ecological information available.

Section 13: Disposal Considerations

Waste Disposal Method: Dispose in accordance with federal, state and local regulations.



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Section 14: Transportation Information

U.S. Department Of Transportation Data (49 CFR 172.101): This product is not regulated by DOT when transported in containers less than 119 gallons.

Section 15: Regulatory Information

U.S. EPA Regulations

SARA Title III Section 313: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Ingredient Name	CAS #	% Wt
Toluene	108-88-3	3 - 10
Methanol	67-56-1	1 - 5

California Proposition 65: WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

Ingredient Name	CAS #	% Wt
Toluene	108-88-3	3 - 10

Section 16: Other Information

Preparation Information: Stevens Roofing Systems

Preparation Date: April 11, 2008

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