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 SECTION I - PRODUCT IDENTIFICATION  
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Manufacturer: STEVENS ROOFING SYSTEMS  
 Carolina Plant  
 1535 Elastic Plant Road  
 Westfield, NC  
 27053

Information Phone: 336-351-3131  
 Emergency Phone: 413-533-8100  
 CHEMTREC Phone: 800-424-9300  
 in Washington D.C. or International: 202-483-7616

Product Class: ROOFING ADHESIVE  
 Trade Name : STEVENS EP BONDING ADHESIVE  
 Product Code : 2086195  
 C.A.S. Number: MIXTURE  
 D.O.T. Hazard Class : HAZARD CLASS 3 UN #: UN1133  
 Proper Shipping Name: ADHESIVES  
 Technical Name : Packing Group II

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 ! Hazard Ratings: Health - 2  
 ! none -> extreme Fire - 3  
 ! 0 ---> 4 Reactivity - 0  
 !  
 Personal Protection - B

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 SECTION II - HAZARDOUS INGREDIENTS  
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Ingredients	CAS#	Weight %	Exposure Limits		VP mm HG
			----- ACGIH/TLV	----- OSHA/PEL	
TOLUENE	108-88-3	40	100 ppm STEL = 150 ppm Toluene ceiling limit=300ppm, Peak=500ppm.	100 ppm 150 ppm	22 @ 68F
HEXANE	110-54-3	35.9	50 ppm STEL = N.E.	50 ppm N.E.	0

N.E. = Not Established

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 SECTION III - PHYSICAL DATA  
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Boiling Range: 156 - 231°F  
 Evap. Rate: Faster than n-Butyl Acetate.

Vapor Density: Heavier than Air.  
 Liquid Density: Lighter than Water.  
 Spec. Gravity: 0.81  
 Appearance: Green opaque liquid with a solvent odor.

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 SECTION IV - FIRE AND EXPLOSION HAZARD DANGER  
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Flammability Class: T.D.G.R. Flash Point: -20° F LEL: 1.0% UEL: 8.0%

-EXTINGUISHING MEDIA

Alcohol Foam, dry chemical, carbon dioxide.

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SECTION IV - FIRE AND EXPLOSION HAZARD DANGER (cont.)

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-SPECIAL FIREFIGHTING PROCEDURES

Water should not be used except to cool containers exposed to flames or high heat. Respiratory equipment should be worn to avoid inhalation of concentrated fumes.

-UNUSUAL FIRE & EXPLOSION HAZARDS

Handle as a flammable liquid. Vapors form an explosive mixture in air between the upper and lower explosive limit which can be ignited by many sources, such as pilot lights, open flame, electrical motors and switches. Store in cool, well ventilated areas.

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SECTION V - HEALTH HAZARD DATA

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-PERMISSIBLE EXPOSURE LEVEL: See Section II.

-PRIMARY ROUTES OF EXPOSURE

Eyes, skin, inhalation.

-EFFECTS OF OVEREXPOSURE

Inhalation: Prolonged inhalation of high vapor concentrations may result in an acute narcotic effect ranging from dizziness, nausea, and headaches to unconsciousness. No chronic health effects.

Eyes: Severe irritation, tearing, redness, burning sensation, and blurred vision.

Skin: Removal of skin oils, irritation, cracking, dermatitis.

Ingestion: Can cause gastrointestinal irritation, vomiting, nausea and diarrhea.

-MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Anesthesia, respiratory tract irritation, dermatitis, nausea and vomiting.

-FIRST AID:

Inhalation: Get fresh air. If breathing stops, apply artificial respiration and seek medical attention.

Skin: Wash with mild soap and water, and consult a doctor.

Eyes: Flush with water for at least 15 minutes, get medical attention if problem persists.

Ingestion: DO NOT INDUCE VOMITING, this can cause chemical pneumonitis and pulmonary edema.

Contact a physician immediately.

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SECTION VI - REACTIVITY DATA

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STABILITY:  Unstable  Stable

HAZARDOUS POLYMERIZATION:  May occur  Will not occur

-INCOMPATIBILITY

Strong oxidizing agents, strong acids and bases.

-CONDITIONS TO AVOID:

Excessive heat, poor ventilation, corrosive atmospheres, excessive aging.

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## SECTION VI - REACTIVITY DATA (cont.)

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**-HAZARDOUS DECOMPOSITION PRODUCTS**

Carbon monoxide, carbon dioxide, oxides of nitrogen, and possibly acrolein.

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## SECTION VII - SPILL OR LEAK PROCEDURES

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**-STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Eliminate ignition sources, provide ventilation, dike the spill area, and add absorbent earth or sawdust to spilled material. Clean-up personnel should wear rubber gloves and respiratory protection.

**-WASTE DISPOSAL METHOD**

Collect absorbent material into metal waste containers and dispose of in accordance with all local, state and federal hazardous waste regulations pertaining to the listed hazardous ingredients.

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## SECTION VIII - SPECIAL PROTECTION INFORMATION

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**-RESPIRATORY PROTECTION**

If vapors exceed TLV use self-contained NIOSH-approved organic mask. When using in poorly ventilated and confined spaces use a fresh air supplying respirator or a self-contained breathing apparatus.

**-VENTILATION**

Sufficient to keep workroom concentration below TLV. Ventilation equipment should be explosion proof.

**-PROTECTIVE GLOVES**

Chemical resistant gloves.

**-EYE PROTECTION**

Safety glasses or face shield. Eye wash stations should be in working area.

**-OTHER PROTECTIVE EQUIPMENT:**

Use impermeable clothing whenever possible to prevent skin contact. Safety showers and eye baths should be in working area.

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## SECTION IX - SPECIAL PRECAUTIONS

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**-PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Store in a well ventilated area, away from heat sparks, open flame. Use non-sparking utensils when handling liquid mixtures.

**-OTHER PRECAUTIONS:**

Smoking in area where this material is stored should be strictly prohibited. Tools used with this material should be made from copper, brass or aluminum. Plastic utensils should not be used because they may generate sparks.

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SECTION X - ADDITIONAL REGULATORY INFORMATION

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## -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:

CAS#	Chemical Name	Percent by Weight
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108-88-3	TOLUENE	40
110-54-3	HEXANE	35.9

## -PROP 65 (CARCINOGEN)

WARNING: This product contains a chemical known to the state of California to cause cancer.

CAS#	Chemical Name
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	NONE

## -PROP 65 (TERATOGEN)

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

CAS#	Chemical Name
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108-88-3	TOLUENE

## -PROP 65 (BOTH CARCINOGEN AND TERATOGEN)

WARNING: This product may contain a chemical known to the state of California to cause cancer or birth defects or other reproductive harm.

CAS#	Chemical Name
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	NONE

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SECTION XI - DISCLAIMER

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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.