

EverGuard<sup>®</sup>  
**2331 PVC Bonding Adhesive**

Material Safety Data Sheet

MSDS #1096

Updated: 2/2009



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Quality You Can Trust Since 1886!*



**GAF Materials Corporation**  
**Material Safety Data Sheet**  
**MSDS # 1096**  
**MSDS Date: February 2009**

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

**PRODUCT NAME:** EverGuard® 2331 PVC Bonding Adhesive  
**TRADE NAME:** N/A  
**CHEMICAL NAME / SYNONYM:** Adhesive  
**CHEMICAL FAMILY:** Mixture  
**MANUFACTURER:** GAF Materials Corporation  
**ADDRESS:** 1361 Alps Road, Wayne, NJ 07470  
**24-HOUR EMERGENCY PHONE (CHEMTREC):** 800 – 424 – 9300  
**INFORMATION ONLY:** 800 – 766 – 3411  
**PREPARED BY:** Corporate EHS  
**APPROVED BY:** Corporate EHS

**NFPA Hazard Rating**

**HMIS Hazard Rating**

Health
Flammable
Reactive
Special Hazards

2  
3  
1  
-

Health
Flammable
Reactive
Personal Protection

2  
3  
1  
X

**OSHA HAZARDOUS:** Yes X

**No**

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

**OCCUPATIONAL EXPOSURE LIMITS**

CHEMICAL NAME	CAS #	%(BY WT)	OSHA	ACGIH	OTHER
Acetone	67-64-1	55 – 75	1000 ppm	500 ppm 750 ppm – STEL	REL: 250 ppm
Methyl Ethyl Ketone	78-93-3	1 – 5	200 ppm	200 ppm	REL: 200 ppm

## OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Toluene	108-88-3	1 – 5	200 ppm 300 ppm – ceiling	20 ppm	REL: 100 ppm
Parachlorobenzotri-fluoride (PCBTF)	98-56-6	0.1 – 1	NE	NE	NE
Non-Hazardous Ingredients	-	15 – 45	NE	NE	NE

NE = Not Established

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**SECTION 3: HAZARDS IDENTIFICATION**


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**PRIMARY ROUTE OF EXPOSURE:** Inhalation, Skin Contact, Eye Contact, Ingestion

**SIGNS & SYMPTOMS OF EXPOSURE**

- EYES:** May cause severe eye irritation and corneal damage.
- SKIN:** May cause dermatitis. May cause defatting and irritation of the skin.
- INGESTION:** Can cause gastrointestinal irritation, nausea and vomiting. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.
- INHALATION:** May cause nose or throat irritation. High concentrations may cause acute central nervous system depression characterized by headaches, dizziness, nausea and confusion.
- ACUTE HEALTH HAZARDS:** Exposure to this product may aggravate pre-existing skin and respiratory diseases.
- CHRONIC HEALTH HAZARDS:** N/A
- CARCINOGENICITY:** N/A

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**SECTION 4: FIRST AID MEASURES**


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**FIRST AID PROCEDURES**

- EYES:** Flush with warm water for 15 minutes and seek immediate medical attention.
- SKIN:** Wash with soap and water for 15 minutes. If irritation persists, contact a

physician.

**INHALATION:** Move victim to fresh air. If breathing has stopped, give artificial respiration. Seek immediate medical attention.

**INGESTION:** Do not induce vomiting. Get medical attention and advise the physician of the nature of the material.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** N/A

**SECTION 5: FIRE FIGHTING PROCEDURES**

**SUITABLE EXTINGUISHING MEDIA:** Foam, water spray (fog), carbon dioxide, dry chemical, and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this product. Water may be ineffective, but should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water to disperse the vapors and to protect workers attempting to stop a leak. Water spray may be used to flush spills away from exposures.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, carbon monoxide, aldehydes, acrid smoke and irritating fumes.

**RECOMMENDED FIRE FIGHTING PROCEDURES:** Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes and vapors may be evolved. Minimize the breathing of gases, vapors, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Extremely flammable. Vapors may ignite and/or cause flash fires. No smoking. Eliminate sources of ignition. Use adequate cross-ventilation sufficient to remove odor of solvent and vapors. Electrically ground all containers during transfer. This product is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**ACCIDENTAL RELEASE MEASURES:** 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.

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**SECTION 7: HANDLING AND STORAGE**

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**HANDLING AND STORAGE:** Keep container closed when not in use. Store at 60 – 95 °F 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. 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 ventilations (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**

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**ENGINEERING CONTROLS / VENTILATION:** Use with ventilation sufficient to prevent exceeding recommended exposure limits or build up of explosive concentrations of vapor in air.

**RESPIRATORY PROTECTION:** If personal exposure concentrations cannot be maintained below the appropriate exposure limits using engineering controls, a NIOSH/MSHA approved organic vapor air purifying respirator may be appropriate based on employer-determined exposure levels. Air supplied or SCBA respirators may be required when the measured chemical concentration exceeds the capacity of the air purifying respirator or when personal exposure levels are unknown.

**EYE PROTECTION:** Safety glasses with side shields are recommended when pouring or applying this product.

**SKIN PROTECTION:** Wear chemical resistant gloves when handling this product to avoid prolonged skin contact.

**OTHER PROTECTIVE EQUIPMENT:** Barrier cream for sensitive skin.

**WORK HYGIENIC PRACTICES:** Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Wash contaminated clothing prior to reuse.



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**SECTION 12: ECOLOGICAL INFORMATION**

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**ECOLOGICAL INFORMATION:** No information available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** This product, as supplied, is regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. If discarded in its purchased form, this product is a RCRA hazardous waste. It is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or residue of the product remains classified a hazardous waste as per 40 CFR 261, Subpart C. State or local regulations may also apply if they differ from the federal regulation.

**RCRA HAZARD CLASS:** D001, Ignitable Hazardous Waste

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**SECTION 14: TRANSPORTATION INFORMATION**

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**U.S. DOT TRANSPORTATION**

**PROPER SHIPPING NAME:** Adhesives, 3, UN1133, II

**HAZARD CLASS:** 3

**ID NUMBER:** UN1133

**PACKING GROUP:** II

**LABEL STATEMENT:** Flammable Liquid

**OTHER:** N/A

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**SECTION 15: REGULATORY INFORMATION**

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**U.S. FEDERAL REGULATIONS**

**TSCA:** This product and its components are listed on the TSCA 8(b) inventory.

**CERCLA:** CERCLA Hazardous Substances (40 CFR 302)

Reportable Quantity – Components

Acetone: 67-64-1, 5000 lbs

Methyl Ethyl Ketone: 78-93-3, 5,000 lbs.  
 Toluene: 108-88-3, 1000 lbs.

**SARA**

**311/312 HAZARD CATEGORIES:** Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**313 REPORTABLE INGREDIENTS:** Methyl Ethyl Ketone 78-93-3, 1 – 5%  
 Toluene 108-88-3, 1 – 5%

**CALIFORNIA PROPOSITION 65:** This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.  
 Reproductive: Toluene.

Other state regulations may apply. Check individual state requirements. The following components appear on one or more of the following state hazardous substances lists:

Chemical Name	CAS #	CA	MA	MN	NJ	PA	RI
Acetone	67-64-1	Yes	Yes	Yes	Yes	Yes	Yes
Methyl Ethyl Ketone	78-93-3	Yes	Yes	Yes	Yes	Yes	Yes
Toluene	108-88-3	Yes	Yes	Yes	Yes	Yes	Yes
Parachlorobenzotrifluoride (PCBTF)	98-56-6	No	No	No	No	No	No

**SECTION 16: OTHER INFORMATION**

**ADDITIONAL COMMENTS:** N/A  
**DATE OF PREVIOUS MSDS:** July 2010  
**CHANGES SINCE PREVIOUS MSDS:** Updated name

**This information relates to the specific material designated and may not be valid for such material used on combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user’s responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.**