

# EverGuard PVC Membranes

## Material Safety Data Sheet

Updated: 12/08



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**GAF Materials Corporation**  
**Material Safety Data Sheet**  
**MSDS # 1094**  
**MSDS Date: December 2008**

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

**PRODUCT NAME:** Everguard® PVC SR-50,60 & 80, Everguard® PVC UN-55 Detailing Membrane, Everguard® PVC UN-40 T-Joint Cover patch, Everguard® PVC Vent Boots and Universal Corners, Everguard® PVC Walkway Pads and Rolls, Everguard® PVC Coated Metal Membrane

**TRADE NAME:** N/A

**CHEMICAL NAME / SYNONYM:** Polyvinyl Chloride (PVC)

**CHEMICAL FAMILY:** Plastic Laminate, Plastic sheet

**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	1	Health	1
Flammable	1	Flammable	1
Reactive	1	Reactive	0
Special Hazards	-	Personal Protection	X
<b>OSHA HAZARDOUS:</b>	Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>

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

**OCCUPATIONAL EXPOSURE LIMITS**

CHEMICAL NAME	CAS #	%(BY WT)	OSHA	ACGIH	OTHER
PVC Resin	9002-86-2	30-60	NE	NE	MAK: 1.4 mg/m3 Resp.
Phthalate Ester		7-13	NE	NE	NE

## OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Calcium Carbonate	471-34-1	0-30	15 mg/m3 total dust, 5 mg/m3 respirable fraction for nuisance dusts	NE	10 mg/m3 total dust, 5 mg/m3 respirable fraction for nuisance dusts

NE= Not Established

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**SECTION 3: HAZARDS IDENTIFICATION**

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**PRIMARY ROUTE OF EXPOSURE:** Skin Contact

**SIGNS & SYMPTOMS OF EXPOSURE**

**EYES:** N/A

**SKIN:** May cause irritation to the skin.

**INGESTION:** N/A

**INHALATION:** N/A

**ACUTE HEALTH HAZARDS:** N/A

**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:** No known effect on eye contact, rinse with water for a few minutes.

**SKIN:** No known effect on skin contact; rinse with water for a few minutes.

**INHALATION:** Allow the victim to rest in a well ventilated area.

**INGESTION:** Do not inject. Contact Poison control and seek medical attention immediately.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** None

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**SECTION 5: FIRE FIGHTING PROCEDURES**

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<b>SUITABLE EXTINGUISHING MEDIA:</b>	Dry chemical, carbon dioxide, water spray or foam
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	HCl gas, carbon monoxide, carbon dioxide. Hazardous emissions may occur during processing at elevated temperatures.
<b>RECOMMENDED FIRE FIGHTING PROCEDURES:</b>	Small Fire: Use Dry Chemical, carbon dioxide, water spray or foam. Large Fire: Use water spray, fog or foam. DO NOT use water jet. All fires produce toxic gases. Fire fighter should use self-contained breathing apparatus and full protective gear.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Flammable when exposed to external ignition sources such as shocks, heat, flames and sparks.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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<b>ACCIDENTAL RELEASE MEASURES:</b>	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Recycle to process if possible. Consult your local or regional authorities.
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**SECTION 7: HANDLING AND STORAGE**

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<b>HANDLING AND STORAGE:</b>	Keep container dry. Keep container in a cool, well ventilated area.
<b>OTHER PRECAUTIONS:</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Keep away from sources of ignition.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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<b>ENGINEERING CONTROLS / VENTILATION:</b>	This product is combustible. Use adequate ventilation when heat welding this product.
<b>RESPIRATORY PROTECTION:</b>	A self contained breathing apparatus should be used to avoid inhalation of the product when exposed to extreme temperatures.
<b>EYE PROTECTION:</b>	Use safety goggles when appropriate.
<b>SKIN PROTECTION:</b>	Use impervious gloves and clothing when appropriate.

**OTHER PROTECTIVE EQUIPMENT:** Boots, Full suit.

**WORK HYGIENIC PRACTICES:** Use proper protective equipment at all times and wash after handling material.

**EXPOSURE GUIDELINES:** N/A

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Solid plastic with characteristic odor		
<b>FLASH POINT:</b>	301 °C (573.8 °F)	<b>LOWER EXPLOSIVE LIMIT:</b>	No Data
<b>METHOD USED:</b>	Closed Cup	<b>UPPER EXPLOSIVE LIMIT:</b>	No Data
<b>EVAPORATION RATE:</b>	No Data	<b>BOILING POINT:</b>	400 °F
<b>pH (undiluted product):</b>	No Data	<b>MELTING POINT:</b>	320 °F
<b>SOLUBILITY IN WATER:</b>	Insoluble in water (cold/hot)	<b>SPECIFIC GRAVITY:</b>	1.35 (Water = 1)
<b>VAPOR DENSITY:</b>	No Data	<b>PERCENT VOLATILE:</b>	No Data
<b>VAPOR PRESSURE:</b>	No Data	<b>MOLECULAR WEIGHT:</b>	No Data
<b>VOC WITH WATER (LBS/GAL):</b>	No Data	<b>WITHOUT WATER (LBS/GAL):</b>	No Data

**SECTION 10: STABILITY AND REACTIVITY**

**THERMAL STABILITY:** STABLE  UNSTABLE

**CONDITIONS TO AVOID (STABILITY):** Hardous decomposition occurs above 400 °F.

**INCOMPATIBILITY (MATERIAL TO AVOID):** N/A

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** HCl gas is evolved.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

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**TOXICOLOGICAL INFORMATION:** No information available.

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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 not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal.

**RCRA HAZARD CLASS:** None

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**SECTION 14: TRANSPORTATION INFORMATION**

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**U.S. DOT TRANSPORTATION**

**PROPER SHIPPING NAME:** This product is not classified as a hazardous material for transport.

**HAZARD CLASS:** N/A

**ID NUMBER:** N/A

**PACKING GROUP:** N/A

**LABEL STATEMENT:** N/A

**OTHER:** N/A

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**SECTION 15: REGULATORY INFORMATION**

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**U.S. FEDERAL REGULATIONS**

**TSCA:** N/A

**CERCLA:** N/A

**SARA**

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: N/A

CALIFORNIA PROPOSITION 65: N/A

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
PVC Resin	9002-86-2	No	No	N/A	Yes	No	No
Phthalate Ester		Yes	No	N/A	No	Yes	No
Calcium Carbonate	471-34-1	No	No	N/A	No	No	No

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**SECTION 16: OTHER INFORMATION**


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ADDITIONAL COMMENTS: N/A

DATE OF PREVIOUS MSDS: 6/03

CHANGES SINCE PREVIOUS MSDS: Changed to the ANSI 16 section MSDS format.

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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.