

EverGuard® WB181 Bonding Adhesive

Material Safety Data Sheet

MSDS #2132

Updated: 7/2010



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Quality You Can Trust Since 1886!*



GAF Materials Corporation
Material Safety Data Sheet
MSDS # 2132
MSDS Date: July 2010

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: EverGuard® WB181 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	1	Health	1
Flammable	0	Flammable	0
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X
OSHA HAZARDOUS:	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
Acrylic Polymer(s)	-	20 – 80	NE	NE	NE
Individual Residual Monomers	-	< 0.1	NE	NE	NE

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Aqua Ammonia	1336-21-6	<=0.3	50 ppm	25 ppm 35 ppm – STEL	REL: 25 ppm 35 ppm – STEL
Calcium Carbonate	1317-65-3	2 – 10	5 mg/m3 – resp. 15 mg/m3 - total	5 mg/m3 – resp. 10 mg/m3 - total	NE
Water	7732-18-5	20 – 80	NE	NE	NE

NE = Not Established

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: Eyes, Skin, Inhalation

SIGNS & SYMPTOMS OF EXPOSURE

EYES: Eye contact may cause eye irritation.

SKIN: Prolonged or repeated skin contact may cause irritation.

INGESTION: May cause gastrointestinal tract irritational if swallowed.

INHALATION: Inhalation may cause respiratory system irritation, headache, or nausea.

ACUTE HEALTH HAZARDS: None Known

CHRONIC HEALTH HAZARDS: None Known

CARCINOGENICITY: None Known

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get immediate medical attention.

SKIN: Immediately wash skin thoroughly with soap and water. Remove contaminated clothing and footwear. Get immediate medical attention.

INHALATION: Move to fresh air. If not breathing, give artificial respiration. Get immediate medical attention.

INGESTION: Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No information available.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Use media appropriate for surrounding material.

HAZARDOUS COMBUSTION PRODUCTS: No Data

RECOMMENDED FIRE FIGHTING PROCEDURES: Wear impermeable protective clothing and self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS: Material can splatter about 100 °C (212° F). Dried product can burn.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Do not allow product to enter sewer or waterways. Keep unnecessary personnel away and upwind. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: For safe storage, store between 1 - 49 °C (34 - 120° F). Wear suitable protective clothing, safety glasses and gloves. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not breathe vapors, mist, or gas.

OTHER PRECAUTIONS: Keep from freezing – product stability may be affected. Stir well before use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Work should be done in an adequately ventilated area. Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

RESPIRATORY PROTECTION: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

EYE PROTECTION:	Safety goggles or safety glasses with side shields.
SKIN PROTECTION:	Use impermeable gloves (Neoprene) and protective clothing as necessary to prevent skin contact.
OTHER PROTECTIVE EQUIPMENT:	Eye washes and safety showers should also be provided.
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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	White milky liquid with a ammonia odor.		
FLASH POINT:	Noncombustible	LOWER EXPLOSIVE LIMIT:	No Data
METHOD USED:	No Data	UPPER EXPLOSIVE LIMIT:	No Data
EVAPORATION RATE:	No Data	BOILING POINT:	100 °C (212° F) water
pH (undiluted product):	6.5 - 11	MELTING POINT:	0 °C (32° F) water
SOLUBILITY IN WATER:	Dilutable	SPECIFIC GRAVITY:	1.1 (Water = 1)
VAPOR DENSITY:	<1.0	PERCENT VOLATILE:	20 – 80% water
VAPOR PRESSURE:	17 hPa at 20° C (68° F)	MOLECULAR WEIGHT:	No Data
VOC WITH WATER (LBS/GAL):	No Data	WITHOUT WATER (LBS/GAL):	No Data

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY:	STABLE <input checked="" type="checkbox"/> X	UNSTABLE <input type="checkbox"/>
CONDITIONS TO AVOID (STABILITY):	Freezing conditions.	
INCOMPATIBILITY (MATERIAL TO AVOID):	N/A	
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Thermal decomposition may yield acrylic monomers.	
HAZARDOUS POLYMERIZATION:	Will not occur.	

SECTION 11: TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL
INFORMATION:**

Acute Oral Toxicity	LD50 rat > 5,000mg/kg
Acute Dermal Toxicity	LD50 rat > 5,000mg/kg
Skin Irritation	Rabbit may cause transient irritation.
Eye Irritation	Rabbit no eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORTATION INFORMATION

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

SECTION 15: REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS**

TSCA: None.

CERCLA: None.

SARA

311/312 HAZARD CATEGORIES: None.

313 REPORTABLE INGREDIENTS: None.

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

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
Acrylic Polymer(s)	-	No	No	No	No	No	No
Individual Residual Monomers	-	No	No	No	No	No	No
Aqua Ammonia	1336-21-6	No	No	No	Yes	Yes	No
Calcium Carbonate	1317-65-3	Yes	Yes	Yes	Yes	No	Yes
Water	7732-18-5	No	No	No	No	No	No

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: N/A

DATE OF PREVIOUS MSDS: N/A

CHANGES SINCE PREVIOUS MSDS: New MSDS

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

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