



GAF
Safety Data Sheet
SDS # 2132
SDS Date: September 2023

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: WB181 Bonding Adhesive

MANUFACTURER: GAF

ADDRESS: 1 Campus Drive, Parsippany, NJ 07054

**24-HOUR EMERGENCY
PHONE (CHEMTREC):** 800 – 424 – 9300

INFORMATION ONLY: 877-GAF-ROOF

APPROVED BY: Corporate EHS

SECTION 2: HAZARD IDENTIFICATION

NFPA and HMIS RATINGS:

NFPA Hazard Rating		HMIS Hazard Rating	
Health	1	Health	1
Flammable	0	Flammable	0
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Skin Irritant - Category 3

GHS PICTOGRAMS:



SIGNAL WORD: Warning

HAZARD STATEMENTS: May cause skin irritation.

PRECAUTIONARY STATEMENTS: If skin irritation occurs:
Wash skin with water or shower.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Skin.

SIGNS & SYMPTOMS OF EXPOSURE

EYES: Not a route of exposure.

SKIN: Prolonged or repeated skin contact may cause mild irritation.

INGESTION: Not a route of exposure.

INHALATION: Not a route of exposure.

ACUTE HEALTH HAZARDS: None known.

CHRONIC HEALTH HAZARDS: None known.

CARCINOGENICITY: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Acrylic Polymer(s)	-	90 – 99	NE	NE	NE
Calcium Carbonate	1317-65-3	1 – 5	5 mg/m ³ – resp. 15 mg/m ³ - total	5 mg/m ³ – resp. 10 mg/m ³ - total	NE

NE = Not Established

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: Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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).
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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.
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SECTION 7: HANDLING AND STORAGE

- HANDLING AND STORAGE:** For safe storage, store between 5 - 49 °C (40 - 120° F). Wear suitable protective clothing, safety glasses and gloves. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

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 (nitrile or 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. Do not smoke while using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	White milky liquid with a slight 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 X****UNSTABLE** ☐**CONDITIONS TO AVOID (STABILITY):** Temperatures below 40 deg. F.**INCOMPATIBILITY (MATERIAL TO AVOID):** Not applicable.**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: Comply with state and local regulations for disposal.

SECTION 14: TRANSPORTATION INFORMATION

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

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: Not applicable.

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
Calcium Carbonate	1317-65-3	Yes	Yes	Yes	Yes	No	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: Not applicable.

DATE OF PREVIOUS SDS: November 2017.

CHANGES SINCE PREVIOUS SDS: Section 15

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