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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** M-Bond™ Adhesive/Sealant

**TRADE NAME:** N/A

**CHEMICAL NAME /  
SYNONYM:** N/A

**CHEMICAL FAMILY:** N/A

**MANUFACTURER:** GAF

**ADDRESS:** 1 Campus Drive, Parsippany, NJ 07054

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

**INFORMATION ONLY:** 800 – 766 – 3411

**PREPARED BY:** Corporate EHS







**APPROVED BY:** Corporate EHS

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**SECTION 2: HAZARD IDENTIFICATION**

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**NFPA and HMIS RATINGS:**

	NFPA Hazard Rating		HMIS Hazard Rating
	1		1
	0		0
	0		0
Special Hazards	-	Personal Protection	C

**GHS LABEL ELEMENTS:**

**GHS CLASSIFICATION:** Eye Irritant - Category 2  
Skin Irritant - Category 2  
Skin Sensitizer – 1B

GHS PICTOGRAMS:



SIGNAL WORD: Warning

HAZARD STATEMENTS:

Causes skin irritation.  
Causes serious eye irritation.  
May cause an allergic reaction.

PRECAUTIONARY STATEMENTS:

Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection.  
IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue  
Dispose of contents/container in accordance with local regulation.

**ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**

PRIMARY ROUTE OF EXPOSURE: Eye contact, skin contact

**SIGNS & SYMPTOMS OF EXPOSURE**

EYES: Contact can cause severe irritation.

SKIN: May cause irritation. Repeated or prolonged contact may cause dermatitis

INGESTION: May be harmful if ingested.

INHALATION: Short-term harmful health effects are not expected from vapors generated at ambient temperatures.

ACUTE HEALTH HAZARDS: NA

CHRONIC HEALTH HAZARDS: Preexisting skin or eye disorders may be aggravated by direct contact to this product. Repeated or prolonged direct contact to the skin may cause dermatitis.

CARCINOGENICITY: There are no components in this product that are listed as a carcinogen by NTP, IARC, ACGIH or OSHA.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Amino Silane	1760-24-3	1-3	NE	NE	NE
Non Hazardous Ingredients	-	97-99	NE	NE	NE

**NE = Not Established**

**SECTION 4: FIRST AID MEASURES****FIRST AID PROCEDURES**

<b>EYES:</b>	Irrigate immediately with plenty of water for at least 15 minutes.
<b>SKIN:</b>	Clean product from affected area with ethyl alcohol, then wash with soap and water.
<b>INHALATION:</b>	If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists
<b>INGESTION:</b>	An unlikely route of entry. Consult a physician.
<b>NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:</b>	N/A

**SECTION 5: FIRE FIGHTING PROCEDURES**

<b>SUITABLE EXTINGUISHING MEDIA:</b>	Foam, CO2, water and dry chemical.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Thermal decomposition may produce toxic fumes of carbon monoxide, carbon dioxide, sulfur oxides and hydrogen.
<b>RECOMMENDED FIRE FIGHTING PROCEDURES:</b>	Wear full protective clothing and positive pressure self-contained breathing apparatus.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	None.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>ACCIDENTAL RELEASE MEASURES:</b>	Contain large spill by building a dike with absorbent material. Collect remainder of the spill with absorbent material and place the
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material into a container approved for waste disposal. For minor spills, collect with absorbent material and dispose in accordance to governmental regulations.

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**SECTION 7: HANDLING AND STORAGE**


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**HANDLING AND STORAGE:** Use personal protection recommended in Section 8. Avoid eye, skin and clothing contact. Store away from heat, sparks and flame. Store in a cool, dry area away from incompatible materials. Do not freeze.

**OTHER PRECAUTIONS:** None

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


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**ENGINEERING CONTROLS / VENTILATION:** Use in a well ventilated area.

**RESPIRATORY PROTECTION:** Not ordinarily required. Use NIOSH or MSHA approved respirator as appropriate.

**EYE PROTECTION:** Wear safety glasses or goggles to avoid eye contact.

**SKIN PROTECTION:** Wear gloves and protective clothing to minimize contact with skin.

**OTHER PROTECTIVE EQUIPMENT:** N/A

**WORK HYGIENIC PRACTICES:** Avoid contact with eyes and skin. Wash thoroughly after handling.

**EXPOSURE GUIDELINES:** N/A

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**


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<b>APPEARANCE &amp; ODOR:</b>	Paste with a mild mint odor.		
<b>FLASH POINT:</b>	Not flammable	<b>LOWER EXPLOSIVE LIMIT:</b>	No data
<b>METHOD USED:</b>	No data	<b>UPPER EXPLOSIVE LIMIT:</b>	No data
<b>EVAPORATION RATE:</b>	No data	<b>BOILING POINT:</b>	No data
<b>pH (undiluted product):</b>	No data	<b>MELTING POINT:</b>	No data
<b>SOLUBILITY IN WATER:</b>	Heavier than water.	<b>SPECIFIC GRAVITY:</b>	No data.

VAPOR DENSITY:	>1	PERCENT NON-VOLATILE:	No data
VAPOR PRESSURE:	>1	SPECIFIC GRAVITY:	1.43
VOC (g/L):	16.9	WITHOUT WATER (LBS/GAL):	No data

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**SECTION 10: STABILITY AND REACTIVITY**


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**THERMAL STABILITY:** **STABLE X** **UNSTABLE**   
**CONDITIONS TO AVOID (STABILITY):** None known.  
**INCOMPATIBILITY (MATERIAL TO AVOID):** None known.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None known.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION 11: TOXICOLOGICAL INFORMATION**


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**TOXICOLOGICAL INFORMATION:** Oral  
 Amino Silane: LD50 >2,000 mg/kg  
Dermal  
 Amino Silane: LD50 >2,000 mg/kg  
**Skin Direct contact – Result:** Slight irritation.  
**Eye Direct contact – Result:** Severe irritation. Remark: Causes corneal injury.  
**Inhalation – Result:** LC50 Not acutely Toxic.

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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:** If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. This product becomes a firm synthetic

rubber when cured. Please allow to cure before disposal.

RCRA HAZARD CLASS: None

#### SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT TRANSPORTATION Not regulated for transport.

IATA Not regulated for transport.

IMDG Not regulated for transport.

#### SECTION 15: REGULATORY INFORMATION

##### U.S. FEDERAL REGULATIONS

TSCA: All components of this product are listed on TSCA inventory.

CERCLA: None

##### SARA

311/312 HAZARD CATEGORIES: Immediate (acute) health hazard.

313 REPORTABLE INGREDIENTS: None

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
Amino Silane	1760-24-3	No	No	No	No	No	No

#### SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: N/A

DATE OF PREVIOUS SDS: December 2014

CHANGES SINCE PREVIOUS SDS: Updated GHS information.

**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.**