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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
<b>Special Hazards</b>	-	<b>Personal Protection</b>	C

**GHS LABEL ELEMENTS:**

**GHS CLASSIFICATION:** Eye Irritant - Category 2A  
Skin Irritant - Category 2  
Eye Damage - Category 1  
Acute Toxicity - Category 4  
Skin Sensitizer - 1  
Hazardous to the Aquatic Environment (chronic) - Category 4

## GHS PICTOGRAMS:



**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:**

Causes skin irritation  
Causes serious eye irritation or damage  
May cause an allergic reaction  
Toxic to aquatic life with long lasting effects

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**ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**

**PRIMARY ROUTE OF EXPOSURE:** Eye contact, skin contact

**SIGNS & SYMPTOMS OF EXPOSURE**

**EYES:** Contact can cause severe irritation. Repeated or prolonged contact may cause chemical burns to the eyes

**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. However, this material is capable of generating small amounts of methanol when reacted with water. Methanol vapor may cause dizziness, drowsiness, disturbance of vision, and tingling, numbness in hands and forearms.

**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 eyes may cause chemical burns. 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.

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

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Amino Silane	1760-24-3	1-15	NE	NE	NE
Non Hazardous Ingredients	-	85-99	NE	NE	NE

NE = Not Established

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

- EYES:** Irrigate immediately with plenty of water for at least 15 minutes.
- SKIN:** Clean product from affected area with alcohol, then wash with soap and water.
- INHALATION:** If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists.
- INGESTION:** Induce vomiting as directed by medical personnel.

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

**SECTION 5: FIRE FIGHTING PROCEDURES**

- SUITABLE EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, water and Dry chemical. This material is reactive with water, but the reaction will not significantly increase the fire severity.
- HAZARDOUS COMBUSTION PRODUCTS:** Thermal decomposition may produce toxic fumes of Carbon Monoxide and/or Carbon Dioxide.
- RECOMMENDED FIRE FIGHTING PROCEDURES:** Wear full protective clothing and positive pressure self-contained breathing apparatus.
- UNUSUAL FIRE & EXPLOSION HAZARDS:** None: This product is not considered flammable, but may become involved in a fire with other materials releasing typical hydrocarbon products of combustion.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**SECTION 7: HANDLING AND STORAGE**

**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

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

**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

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Paste with a mild ester odor.		
<b>FLASH POINT:</b>	No data	<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>	Varies by color.
<b>VAPOR DENSITY:</b>	>1	<b>PERCENT NON-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 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.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Oral

Amino Silane: LD50 >2,000 mg/kg

Dermal

Amino Silane: LD50 >2,000 mg/kg

**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:** 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**

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**ADDITIONAL COMMENTS:** N/A

**DATE OF PREVIOUS SDS:** October 2013

**CHANGES SINCE PREVIOUS SDS:** Headquarters Address Change

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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.