









SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: STREETBOND ADHESION PROMOTER CONCENTRATE
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

SECTION 2: HAZARD IDENTIFICATION

NFPA and HMIS RATINGS:

	NFPA Hazard Rating		HMIS Hazard Rating
	3		3
	0		0
	0		0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Serious Eye Damage H320

GHS PICTOGRAM:

SIGNAL WORD: Danger

HAZARD STATEMENTS: Causes serious eye damage/eye irritation.

PRECAUTIONARY STATEMENTS: Wear eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Skin contact, Eye contact

SIGNS & SYMPTOMS OF EXPOSURE

Eyes: Causes serious eye damage/irritation to the eyes.

Skin: May cause skin irritation.

Ingestion: This product is not intended to be ingested. If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

Inhalation: Prolonged inhalation may be harmful.

ACUTE HEALTH HAZARDS: See above.

CHRONIC HEALTH HAZARDS: None known.

CARCINOGENICITY: Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	CAS #	%	OSHA	ACGIH	OTHER

γ -Glycidoxypropyl-trimethoxy silane	2530-83-8	90-100	Not Established	Not Established	Not Established
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SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

- EYES:** Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water by allowing the water to flow over the bridge of the nose to the eyes for at least 20 minutes. Seek immediate medical attention.
- SKIN:** Wash off with soap and plenty of water. Consult a physician.
- INHALATION:** Remove to fresh uncontaminated air. Seek medical attention.
- INGESTION:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None.

SECTION 5: FIRE FIGHTING PROCEDURES

- SUITABLE EXTINGUISHING MEDIA:** Alcohol foam, Carbon Dioxide, or Dry Chemical.
- HAZARDOUS COMBUSTION PRODUCTS:** Carbon oxides (CO, CO₂), smoke and irritating fumes as products of incomplete combustion..
- RECOMMENDED FIRE FIGHTING PROCEDURES:** Wear self contained breathing apparatus for fire fighting if necessary. Do not attempt to get on top of storage containers involved in fire. Cool storage containers with large volumes of water even after fire is out.
- UNUSUAL FIRE & EXPLOSION HAZARDS:** None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- ACCIDENTAL RELEASE MEASURES:** Keep personnel away from spill area. Use personal protective equipment. Ensure adequate ventilation. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

SECTION 7: HANDLING AND STORAGE

- HANDLING AND STORAGE:** Provide adequate ventilation. Use care in handling/storage.

Obtain special instructions before use. Wear appropriate personal protective equipment. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains. Do not handle until all safety precautions have been read and understood. Pregnant or breastfeeding women must not handle this product. Do not breathe mist or vapor. Do not get this material in contact with eyes. Avoid prolonged exposure.

OTHER PRECAUTIONS: Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Provide adequate ventilation during use.

RESPIRATORY PROTECTION: Respiratory protection is not normally needed.

EYE PROTECTION: Safety glasses with side shields or chemical goggles.

SKIN PROTECTION: Avoid skin contact. Nitrile gloves should be worn if handling the product.

OTHER PROTECTIVE EQUIPMENT: A chemical apron and/or other equipment should be worn to avoid skin contact.

WORK HYGIENIC PRACTICES: Wash exposed skin prior to eating, drinking or smoking and at the end of each shift.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Colorless, clear liquid with a slight odor.		
FLASH POINT:	Not Applicable	LOWER EXPLOSIVE LIMIT:	Not Applicable
METHOD USED:	Not Applicable	UPPER EXPLOSIVE LIMIT:	Not Applicable
EVAPORATION RATE:	Not Applicable	BOILING POINT:	554 deg F.
pH (undiluted product):	Not Applicable	MELTING POINT:	122-338 deg. F.
SOLUBILITY IN WATER:	Insoluble	SPECIFIC GRAVITY:	1.07
VAPOR DENSITY:	>1	PERCENT VOLATILE:	Not Available
VAPOR PRESSURE:	< 1.3 kPa (25 °C)	MOLECULAR WEIGHT:	Not Available

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY: **STABLE X** **UNSTABLE**

CONDITIONS TO AVOID (STABILITY): Stable under recommended storage conditions.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, water, acids or alkalis.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: This product slowly reacts with water, acids or bases to evolve following compounds: Methanol

HAZARDOUS POLYMERIZATION: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: LD50 : Dermal – Rabbit 3.97 ml/kg
LC50 : Inhalation – Rabbit 5.3 mg/l, 4hr
LD50 : Oral - Rat – 7010 – 16,900 mg/kg

Chronic Toxicity: No information available.

Serious eye damage/eye Irritation: EYE-RABBIT: Irritation score 11.8 of max 110, corneal opacity not fully reversible.

Skin corrosion/irritation: SKIN-RABBIT : P.I.I=1.94

Respiratory or Skin Sensitization: No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity (Aquatic and Terrestrial): Algae EC50 Algae 268 mg/l, 7 days; 119 mg/l, 7 days
Green Algae >420 mg/l, 72 hr; 350 mg/l, 72 hr (Growth Rate)
Crustacea LOEC Algae 50 mg/l, 7 days
EC50 Daphnia 710 mg/l, 48 hr
NOEC Daphnia 100 mg/l, 21 days
Fish LC50 Bluegill 276 mg/l, 96 hr
Oncorhynchus mykiss 237 mg/l, 96 hr

Bioaccumulative Potential: No information available.

Mobility in Soil: No information available.

PBT and vPvB Assessment: No information available.

Other Adverse Effects: Causes easily hydrolysis in water or atmosphere.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of contents/container in accordance with local/regional/national/international regulations.

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: This product and its components are listed on the TSCA 8(b) inventory.

CERCLA: None

SARA

311 / 312 HAZARD CATEGORIES: Acute Health Hazard

313 REPORTABLE INGREDIENTS: None.

CALIFORNIA PROPOSITION 65: This product does not 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	NJ	PA	RI
γ-Glycidioxypropyl-trimethoxy silane	2530-83-8	No	No	No	No	No

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None

DATE OF PREVIOUS SDS: September 2015

CHANGES SINCE PREVIOUS SDS: Update to Sections 2 and 3.

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.