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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** UNISIL PRIMER PART A

**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

**APPROVED BY:** Corporate EHS

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**SECTION 2: HAZARDS 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	X

**GHS LABEL ELEMENTS:**

**GHS  
CLASSIFICATION:** Carcinogenicity (Category 2)  
Skin irritation (Category 2)  
Eye irritation (Category 2A)  
Skin sensitization (Category 1)

**GHS  
PICTOGRAMS:****SIGNAL  
WORD:** Danger**HAZARD  
STATEMENTS:** Suspected of causing cancer.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.**PRECAUTIONARY  
STATEMENTS:** Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.  
Wash face, hands and any exposed skin thoroughly after handling.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Use only outdoors or in a well-ventilated area.  
IF exposed or concerned: Get medical advice/attention.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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**ADDITIONAL HAZARD IDENTIFICATION INFORMATION:****PRIMARY ROUTE OF EXPOSURE:** Inhalation, Skin Absorption, Ingestion, Eye**SIGNS & SYMPTOMS OF EXPOSURE****EYES:** Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.**SKIN:** Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause sensitization by skin contact.**INGESTION:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.**INHALATION:** May cause respiratory irritation.

**ACUTE HEALTH HAZARDS:** See above.

**CHRONIC HEALTH HAZARDS:** See below.

**CARCINOGENICITY:** IARC has determined that occupational exposure to Titanium Dioxide is possibly carcinogenic to humans (Group 2B).

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Limestone	1317-65-3	30-60	15 mg/m <sup>3</sup> – total	10 mg/m <sup>3</sup> – total	NE
Bisphenol A-epichlorohydrin polymer	25068-38-6	10-45	NE	NE	NE
Titanium Dioxide	13463-67-7	0.5-1.5	15 mg/m <sup>3</sup> – total	10 mg/m <sup>3</sup> – total	REL: lowest feasible concentration

NE = Not Established

### SECTION 4: FIRST AID MEASURES

#### FIRST AID PROCEDURES

**EYES:** Flush with large amounts of water. Consult a physician.

**SKIN:** Clean affected area with a waterless hand cleaner, then wash area thoroughly with soap and water. If redness, etc. persists, consult a physician.

**INHALATION:** Remove person from area. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Seek immediate medical aid.

**INGESTION:** Do not induce vomiting. Consult a physician immediately.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** None.

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**SECTION 5: FIRE FIGHTING PROCEDURES**

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<b>SUITABLE EXTINGUISHING MEDIA:</b>	Foam, Dry Chemical, CO <sub>2</sub>
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Products of combustion may include, and are not limited to: oxides of carbon.
<b>RECOMMENDED FIRE FIGHTING PROCEDURES:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	None known.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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<b>ACCIDENTAL RELEASE MEASURES:</b>	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
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**SECTION 7: HANDLING AND STORAGE**

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<b>HANDLING AND STORAGE:</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>OTHER PRECAUTIONS:</b>	Practice good personal hygiene. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

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

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<b>ENGINEERING CONTROLS / VENTILATION:</b>	Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
<b>RESPIRATORY PROTECTION:</b>	In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
<b>EYE PROTECTION:</b>	Safety glasses or chemical splash goggles.
<b>SKIN PROTECTION:</b>	Impervious work clothing is recommended.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Wear chemically resistant protective gloves.

**WORK HYGIENIC PRACTICES:** Local exhaust ventilation if required.

**EXPOSURE GUIDELINES:** Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE &amp; ODOR:</b>	White viscous liquid with faint aromatic odor.		
<b>FLASH POINT:</b>	>100 °C/> 212 °F	<b>LOWER EXPLOSIVE LIMIT:</b>	No Data
<b>METHOD USED:</b>	TCC	<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>	Almost zero	<b>SPECIFIC GRAVITY:</b>	1.4
<b>VAPOR DENSITY:</b>	>1	<b>PERCENT 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  UNSTABLE

**CONDITIONS TO AVOID (STABILITY):** None known based on information supplied.

**INCOMPATIBILITY (MATERIAL TO AVOID):** None known based on information supplied.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon Monoxide and Carbon Dioxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:**

<b>Limestone (1317-65-3)</b>	
LD50 oral rat	6450 mg/kg
<b>Bisphenol A-epichlorohydrin polymer (25068-38-6)</b>	
LD50 oral rat	13600 mg/kg
LD50 dermal rabbit	>20mL/kg
<b>Titanium dioxide (13463-67-7)</b>	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.

**Carcinogenicity**

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium Dioxide 13463-67-7	-	Group 2B	-	X

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** This material is a water pollutant and should be prevent from contaminating soil or from entering sewage and drainage systems and other bodies of water. Notify authorities.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

**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****International Inventories**

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

Chemical Name	California Proposition 65
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Titanium Dioxide - 13463-67-7

Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Titanium Dioxide 13463-67-7	X	X	X

**SECTION 16: OTHER INFORMATION**

**ADDITIONAL COMMENTS:** None

**DATE OF PREVIOUS SDS:** August 2015

**CHANGES SINCE PREVIOUS SDS:** Revised GHS information.  
Revised transportation information.  
Revised components 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.