



GAF
Safety Data Sheet
SDS #1061
SDS Date: May 2022

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Skylite Coating
MANUFACTURER: GAF
ADDRESS: 1 Campus Drive, Parsippany, NJ 07054
24-HOUR EMERGENCY PHONE (CHEMTREC): 800 – 424 – 9300
INFORMATION ONLY: 877-GAF-ROOF
PREPARED BY: Corporate EHS

SECTION 2: HAZARDS IDENTIFICATION

NFPA and HMIS RATINGS:

	NFPA Hazard Rating		HMIS Hazard Rating
Health	2	Health	2
Flammable	3	Flammable	3
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Flammable Liquid - Category 2
Reproductive Toxicity – Category 2
Skin Irritant - Category 2
Target Organ (SE) - Category 3
Target Organ (RE) - Category 2
Eye damage - Category 2A
Hazardous to the Aquatic Environment (acute) - Category 2

GHS PICTOGRAMS:



SIGNAL WORD: Danger

HAZARD STATEMENTS:	Highly flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure. Suspecting of damaging fertility or the unborn child. May cause drowsiness or dizziness. Toxic to aquatic life.
PRECAUTIONARY STATEMENTS:	Keep away from heat/sparks/open flames/hot surfaces – no smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep out of reach of children. Keep container tightly closed. Read label before use. Do not handle until all safety precautions have been read and understood. In case of fire, use a dry chemical fire extinguisher for extinction. Wear protective rubber gloves and ANSI approved safety glasses when handling this product. Dispose of contents and empty containers in accordance with local, state, and federal regulations. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Do not breathe vapor. Wash hands thoroughly after handling. Collect spillage. Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical 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 attention.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Eye contact, Skin contact, Inhalation

SIGNS & SYMPTOMS OF EXPOSURE

EYES:	This material causes serious eye irritation. Contact with the liquid or exposure to mist or vapor may cause stinging, redness and swelling.
SKIN:	This material may cause mild skin irritation. Prolonged contact may cause redness, burning and drying or cracking of the skin. Skin absorption may produce systemic toxicity.
INGESTION:	Harmful or fatal if swallowed and/or vomiting occurs. Can enter lungs and cause damage. This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.
INHALATION:	High concentrations of vapor or mist may cause irritation of the nose and throat and signs of nervous system depression. Can cause headaches, drowsiness, dizziness, and loss of coordination. May affect liver, kidneys and respiratory system.

- ACUTE HEALTH HAZARDS:** See above.
- CHRONIC HEALTH HAZARDS:** May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
- CARCINOGENICITY:** Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Toluene	108-88-3	40 – 50	200 ppm 300 ppm ceiling	20 ppm	REL: 100 ppm 150 ppm STEL
Xylene	1330-20-7	5 – 10	100 ppm	100 ppm 125 ppm STEL	REL: 100 ppm 125 ppm STEL
Non-hazardous ingredients		40– 55	NE	NE	NE

NE = Not Established

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

- EYES:** Flush eyes immediately with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician.
- SKIN:** Remove contaminated clothes. Wash exposed areas with soap and water. If redness or swelling develops, seek medical assistance. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes. I
- INHALATION:** Remove to fresh air. If breathing has stopped, give artificial respiration. Call a physician.
- INGESTION:** Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Do not give mouth-to-mouth resuscitation. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention immediately.
- NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Symptoms may be delayed.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA:	Water spray, water fog, CO ₂ , dry chemical powder and foam.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide and carbon monoxide.
RECOMMENDED FIRE FIGHTING PROCEDURES:	Self contained breathing apparatus recommended. Use water spray to cool unopened containers.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Material is flammable and may be ignited by flames, sparks, heat or other sources of ignition. Do not use a solid water stream as it may scatter and spread fire. Vapor may cause flash fire. Vapors can flow along surfaces to distant ignition source and flash back. Sensitive to static discharge.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:	<p>ELIMINATE all ignition sources (no smoking, flares, sparks or flames in the immediate area). Extinguish all flames in the vicinity. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Dam up area to prevent spreading of material. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Cover with plastic sheet to prevent spreading. Collect spillage. Following product recovery, flush area with water. Prevent product from entering drains. Do not allow material to contaminate groundwater system. Clean surface thoroughly to remove residual contamination. Wipe up with absorbent material (e.g. cloth, fleece).</p> <p>Prevent spilled material from entering sewers, storm drains, other unauthorized treatment or drainage systems and natural waterways</p>
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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:	Store in a well ventilated area, 50 – 80 °F. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. The product is extremely flammable, and explosive vapor/air mixtures may be formed even at normal room temperatures. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. When using, do not eat, drink or smoke. Avoid release to the environment.
OTHER PRECAUTIONS:	Avoid open flames, electrical sparks or static electricity.

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

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure limits.

RESPIRATORY PROTECTION:

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. 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. If workplace exposure limits for product or components are exceeded, NIOSH approved equipment should be worn. Proper respirator selection should be determined by adequately trained personnel, based on the contaminants, the degree of potential exposure and published respiratory protection factors.

EYE PROTECTION:

Safety goggles or safety glasses with side shields.

SKIN PROTECTION:

Wear appropriate impermeable gloves and protective clothing as necessary to prevent skin contact.

OTHER PROTECTIVE EQUIPMENT:

None.

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:	White paste with a solvent odor.		
FLASH POINT:	45 °F	LOWER EXPLOSIVE LIMIT:	1.0%
METHOD USED:	TCC	UPPER EXPLOSIVE LIMIT:	7.0%
EVAPORATION RATE:	1.8	BOILING POINT:	231 °F
pH (undiluted product):	No data	MELTING POINT:	No data
SOLUBILITY IN WATER:	Insoluble	SPECIFIC GRAVITY:	0.91
VAPOR DENSITY:	3.2	PERCENT VOLATILE:	No data
VAPOR PRESSURE:	No data	MOLECULAR WEIGHT:	No data
VOC (g/L):	539		

SECTION 10: STABILITY AND REACTIVITY**THERMAL STABILITY:**

STABLE X

UNSTABLE

CONDITIONS TO AVOID:

Heat, flames and sparks. Ignition sources. Contact with incompatible materials. Do not pressurize, cut, weld, braze,

solder, drill, grind or expose empty containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.

INCOMPATIBILITY (MATERIAL TO AVOID):

Strong oxidizing agents, reducing agents, acids, alkalis.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Carbon dioxide or carbon monoxide.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye contact: Causes serious eye irritation.

Inhalation: Harmful if inhaled. May cause respiratory irritation. Breathing high concentrations can cause irregular heartbeats which can be fatal.

Ingestion: May be fatal if swallowed and enters airways.

Skin contact: Causes skin irritation. Defatting to the skin.

Toluene

Reproductive toxicity: May damage fertility or the unborn child. Avoid contact during pregnancy/while nursing.

Toluene: May adversely affect the developing fetus.

Specific target organ toxicity - repeated exposure may cause damage to organs (Central nervous system) through prolonged or repeated exposure.

Aspiration hazard May be fatal if swallowed and enters airways.

Chronic effects Toluene has been reported to decrease immunological responses and cause recordable hearing loss in laboratory animals. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication

Xylene

General: May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis

Carcinogenicity: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Toluene

Toxicity to fish flow-through test LC50 - Oncorhynchus kisutch (coho salmon) - 5.5 mg/l - 96 h Remarks: (ECHA)

Toxicity to daphnia and other aquatic invertebrates EC50 - Ceriodaphnia dubia (water flea) - 3.78 mg/l - 48 h (US-EPA)

Toxicity to bacteria static test EC50 - Bacteria - 84 mg/l - 24 h

Biodegradability aerobic - Exposure time 20 d Result: 86 % - Readily biodegradable. Remarks: (IUCLID)

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with all applicable local, state and Federal regulations. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

SECTION 14: TRANSPORTATION INFORMATION**DOT**

UN number UN1993
UN proper shipping name Flammable Liquids n.o.s. (toluene, xylene)
Hazard Class 3
Packing group II

IATA

UN number UN1993
UN proper shipping name Flammable Liquids n.o.s. (toluene, xylene)
Hazard Class 3
Packing group II

IMDG

UN1993
UN proper shipping name Flammable Liquids n.o.s. (toluene, xylene)
Hazard Class 3
Packing group II
EmS-No F-E, S-D

SECTION 15: REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS**

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

CERCLA: CERCLA Hazardous Substances (40 CFR 302)

Reportable Quantity – Components

Xylene, 1330-20-7, 1000 lbs.
 Toluene: 108-88-3, 1000 lbs.

SARA

311/312 HAZARD CATEGORIES: Acute Health Hazard, Chronic Health Hazard, Fire Hazard

313 REPORTABLE INGREDIENTS: Xylene 1330-20-7, 10 – 20%
 Toluene 108-88-3, 2 – 10%

CALIFORNIA PROPOSITION 65: This product contains toluene, a chemical known to the state of California to cause 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	MN	NJ	PA	RI
Xylene	1330-20-7	Yes	Yes	Yes	Yes	Yes	Yes
Toluene	108-88-3	Yes	Yes	Yes	Yes	Yes	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None

DATE OF PREVIOUS SDS: December 2014

CHANGES SINCE PREVIOUS SDS: Numerous updates.

This information relates to the specific material designated and may not be valid for such material used in 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.