



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: EverGuard PVC Quick Lay Adhesive
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
	2		2
	1		1
	0		0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Reproductive Toxicity - Category 2
Skin sensitization- Category 1

GHS PICTOGRAMS:



SIGNAL WORD: Warning

HAZARD STATEMENTS:

May cause an allergic skin reaction.
Suspected of damaging the unborn child.
May cause damage to organs through prolonged or repeated exposure if inhaled.

PRECAUTIONARY STATEMENTS:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/ protective clothing/ eye protection/ face protection.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Skin Absorption and Inhalation.

SIGNS & SYMPTOMS OF EXPOSURE

EYES: Contact with the liquid or exposure to mist or vapor may cause irritation.

SKIN: This material may cause an allergic skin reaction. Skin absorption may produce systemic toxicity.

INGESTION: May be harmful if swallowed. Do not induce vomiting.

INHALATION: High concentrations of vapor or mist may cause irritation of the nose and throat.

ACUTE HEALTH HAZARDS: See above.

CHRONIC HEALTH HAZARDS: May cause an allergic skin reaction. Suspected of damaging the unborn child.

CARCINOGENICITY: None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Toluene	108-88-3	1-5	200 ppm	20 ppm	REL: 100 ppm
Mixture of 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE and 2-METHYL-4-ISOTHIAZOLIN-3-ONE	26172-55-4	<1	NE	NE	NE

NE= Not Established

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

EYES: Flush eyes with water for 15 minutes. If irritation or reddening persists, call physician.

SKIN: Remove contaminated clothes. Wash exposed areas with soap and water. If redness or swelling develops, seek medical attention.

INHALATION: Move the individual to an area with fresh air or provide oxygen immediately, call physician.

INGESTION: If swallowed, contact physician immediately. Do not induce vomiting. This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: May cause an allergic skin reaction. May cause respiratory irritation.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Water, dry chemical, CO₂, and foam.

HAZARDOUS COMBUSTION PRODUCTS: Aluminum oxides, silicon oxides, carbon dioxide and carbon monoxide, hydrocarbons.

RECOMMENDED FIRE FIGHTING PROCEDURES:

Use self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS:

None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Dam up area to prevent spreading of material. Provide ventilation. Dry up the compound using an absorbent material. Prevent product from entering drains.

Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions.

OTHER PRECAUTIONS:

Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Container hazardous when empty.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
Smoking, eating and drinking should be prohibited in the application area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION:

Provide sufficient mechanical ventilation to maintain exposure below exposure limits.

RESPIRATORY PROTECTION:

Use NIOSH approved organic vapor cartridge type respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).

EYE PROTECTION:

Safety goggles or safety glasses with side shields.

SKIN PROTECTION:

Wear appropriate impermeable gloves to prevent skin contact.

OTHER PROTECTIVE EQUIPMENT:

Not applicable.

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 emulsion.		
FLASH POINT:	No Data	LOWER EXPLOSIVE LIMIT:	No Data
METHOD USED:	No Data	UPPER EXPLOSIVE LIMIT:	No Data
EVAPORATION RATE:	No Data	BOILING POINT:	No Data
pH (undiluted product):	7 - 8.5	MELTING POINT:	No Data
SOLUBILITY IN WATER:	Insoluble	SPECIFIC GRAVITY:	No Data
VAPOR DENSITY:	No Data	PERCENT VOLATILE:	No Data
RELATIVE DENSITY:	1.03	MOLECULAR WEIGHT:	No Data
VOC WITH WATER (LBS/GAL):	No Data	WITHOUT WATER (LBS/GAL):	No Data

SECTION 10: STABILITY AND REACTIVITY

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

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

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids. Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: No hazardous decomposition products are known.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Information on likely routes
of exposure:

Inhalation
Skin contact
Eye Contact
Ingestion

Acute toxicity

Not classified based on available information.

Components:TOLUENE:**Acute oral toxicity**

LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity

LC50 (Rat): 28.1 mg/l

Exposure time: 4 h

Test atmosphere: vapor

Acute dermal toxicity

LD50 (Rabbit): 12,124 mg/kg

Mixture of 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE and 2-METHYL-4-ISOTHIAZOLIN-3-ONE:**Acute oral toxicity :**

Assessment: The component/mixture is classified as acute oral toxicity, category 3.

Acute inhalation toxicity :

LC50 (Rat): 0.33 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Acute dermal toxicity :

LD50 (Rabbit): 141 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Components:

TOLUENE:

Result: Irritating to skin.

Mixture of 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE and 2-METHYL-4-ISOTHIAZOLIN-3-ONE:

Species: Rabbit

Result: Corrosive

Respiratory or skin sensitization

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

Components:

TOLUENE:

Reproductive toxicity - Assessment

Some evidence of adverse effects on development, based on animal experiments.

STOT - single exposure

May cause respiratory irritation.

May cause drowsiness or dizziness.

Target Organs: Nervous system

Assessment: May cause drowsiness or dizziness.

Exposure routes: Inhalation

STOT - repeated exposure

May cause damage to organs (Neurologic: other (neuropsychological effects, auditory dysfunction and effects on color vision)) through prolonged or repeated exposure if inhaled.

Components:

TOLUENE:

Exposure routes: Inhalation

Target Organs: Neurologic: other (neuropsychological effects, auditory dysfunction and effects on color vision)

Assessment: May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.

Product:

No aspiration toxicity classification

Components:

TOLUENE:

May be fatal if swallowed and enters airways.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:**Ecotoxicity****Components:**

TOLUENE:

Toxicity to fish

LC50 (Oncorhynchus kisutch (coho salmon)): 5.5 mg/l
Exposure time: 96 h
Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates

EC50 (Water flea (Ceriodaphnia dubia)): 3.78 mg/l
Exposure time: 48 h
Remarks: Mortality

Toxicity to algae

EC50 (Pseudokirchneriella subcapitata (microalgae)): > 433 mg/l
End point: Growth inhibition
Exposure time: 96 h
NOEC (Scenedesmus quadricauda (Green algae)): > 400 mg/l
End point: Growth inhibition
Exposure time: 7 d

Toxicity to fish (Chronic toxicity)

NOEC (Oncorhynchus mykiss (rainbow trout)): 1.39 mg/l
Exposure time: 40 d
Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

NOEC (Water flea (Ceriodaphnia dubia)): 0.74 mg/l
Exposure time: 7 d
No data available
Persistence and degradability

TOLUENE:

Biodegradability

Result: Readily biodegradable.

Bioaccumulative potential components:**TOLUENE:**

Bioaccumulation

Species: Leuciscus idus (Golden orfe)
Bioconcentration factor (BCF): 94
Exposure time: 3 d
Concentration: 0.05 mg/l
Method: Not reported

Toluene	108-88-3	Yes	Yes	Yes	Yes	Yes	Yes
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SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: N/A

DATE OF PREVIOUS SDS: N/A

CHANGES SINCE PREVIOUS SDS: New product.

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