



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: EverGuard TPO Quick Spray 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: HAZARDS IDENTIFICATION

NFPA and HMIS RATINGS:

	NFPA Hazard Rating		HMIS Hazard Rating
	2		2
	4		4
	0		0
Special Hazards	-	Personal Protection	B

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Flammable Liquid - Category 2
Skin Irritation - Category 2
Target Organ (SE) - Category 3
Eye Irritation - Category 2
Aspiration Hazard – Category 1



SIGNAL WORD: Danger

HAZARD STATEMENTS: Highly flammable liquid and vapor.
Pressurized Container: May burst if heated.
Causes serious eye irritation.
May cause respiratory irritation, drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.
Causes skin irritation.

PRECAUTIONARY STATEMENTS: Keep away from heat sparks/open flames/hot surfaces--No Smoking.
Avoid breathing dust/fumes/gas/mist/vapors/spray.
Wash thoroughly after handling.
Use only outdoors or in well ventilated areas.
Wear protective gloves/protective clothing/eye protection.
If swallowed, immediately call Poison Center or doctor/physician. Do Not Induce Vomiting.
If on skin, wash with plenty of soap and water.
If inhaled call Poison Center or doctor/physician if you feel unwell.
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.
Take off contaminated clothing before reuse.
Store in a well ventilated place.
Protect from sunlight.
In case of fire, use dry chemicals, CO2 or appropriate foam.
Dispose of contents/containers in accordance with local/regional/national/international regulation.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Eye Contact, Ingestion, Inhalation, Skin Absorption, and Skin Contact.

SIGNS & SYMPTOMS OF EXPOSURE

EYES: Can cause severe eye irritation and corneal damage.

SKIN: Causes skin irritation.

INGESTION: Can cause gastrointestinal irritation, nausea and vomiting. Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal. Harmful or fatal if swallowed.

INHALATION: May cause nose or throat irritation. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness). May affect liver, kidneys and respiratory system.

ACUTE HEALTH HAZARDS:	High vapor concentrations may cause central nervous system (CNS) depression with symptoms including light headedness, giddiness, nausea, drowsiness, headache, nose, throat and respiratory tract irritation, reduced appetite, confusion and unconsciousness.
CHRONIC HEALTH HAZARDS:	May cause damage to organs through prolonged or repeated exposure.
CARCINOGENICITY:	None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Methyl Acetate	79-20-9	45-65	200 ppm STEL: 250 ppm	200 ppm STEL: 250 ppm	NE
Cyclohexane	110-82-7	5-15	300 ppm	100 ppm	NE
Carbon Dioxide	124-38-9	0-10	NE	NE	NE

NE = Not Established

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES:	Flush eyes immediately with water for 15 minutes. Get immediate medical attention.
SKIN:	Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash or dispose of clothing before reuse.
INHALATION:	Remove to fresh air. If breathing has stopped, give artificial respiration. Call a physician.
INGESTION:	Do not induce vomiting. Contact physician immediately. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration which can cause chemical pneumonitis which can be fatal.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA:	Use dry chemical, CO ₂ , and foam.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide, carbon monoxide.
RECOMMENDED FIRE FIGHTING PROCEDURES:	As in any fire, wear self-contained breathing apparatus with pressure-demand, full face piece SCBA (MSHA/NIOSH approved or equivalent) and full protective gear.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Avoid fire, sparks, static electricity and hot surfaces. Liquid readily evaporates at room/ambient temperature. Containers exposed to high heat from fire or other sources may build pressure and explode. Liquid and vapors are extremely flammable. Use water spray to cool unopened containers.
SENSITIVE TO STATIC DISCHARGE:	Likely to catch fire from near-by spark. Static charge may accumulate by flow or agitation. Grounding and bonding of containers is required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Eliminate all ignition sources (flames, hot surfaces, portable heaters and sources of electrical, static, or frictional sparks). Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed, thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up.

SECTION 7: HANDLING AND STORAGE

GENERAL PROCEDURES:

For professional or industrial use only. Follow label instructions. Keep out of the reach of children. No smoking. Do not breathe vapors. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eye wear around chemical vapors and liquid. Wash hands thoroughly after handling. Flammable vapors may cause flash fire or ignite explosively. Containers may be hazardous when empty. Never use welding or cutting torch on or near container. Do not cut, drill, grind, or expose containers to heat, sparks, static electricity or other source of ignition. Explosion may occur causing injury or death.

HANDLING AND STORAGE: Store in a well ventilated space. Protect from direct sunlight. Do not expose to temperatures exceeding 122°F.

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: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

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

SKIN PROTECTION: Wear appropriate impermeable nitrile, Viton or PVA gloves and protective clothing as necessary 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:	Organic solvent odor, clear or red in color		
FLASH POINT:	-4 °F	LOWER EXPLOSIVE LIMIT:	1.3%
METHOD USED:	TCC	UPPER EXPLOSIVE LIMIT:	8%
EVAPORATION RATE:	No data	BOILING POINT:	No data
pH (undiluted product):	No data	MELTING POINT:	No data
SOLUBILITY IN WATER:	Slight	SPECIFIC GRAVITY:	.90-.93 g/cc
VAPOR DENSITY:	> than air	PERCENT VOLATILE:	No data

BIOACCUMULATION/ACCUMULATION: No data.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations.

Containers may be hazardous when empty. Never use a welding or cutting torch on or near container. Do not cut, drill, grind, or expose containers to heat, sparks, static electricity or other source of ignition. Explosion may occur causing injury or death.

SECTION 14: TRANSPORTATION INFORMATION

DOT

UN number	UN3501
UN proper shipping name	Chemicals Under Pressure, Flammable, N.O.S. (Contains Carbon Dioxide, Methyl Acetate)
Hazard Class	2.1
Packing group	None



IATA

UN number	UN3501
UN proper shipping name	Chemicals Under Pressure, Flammable, N.O.S. (Contains Carbon Dioxide, Methyl Acetate)
Hazard Class	2.1
Packing group	None
Passenger Aircraft:	Forbidden

IMDG

UN number	UN3501
UN proper shipping name	Chemicals Under Pressure, Flammable, N.O.S. (Contains Carbon Dioxide, Methyl Acetate)
Hazard Class	2.1
Packing group	None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

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

inventory.

CERCLA: 110-82-7 Cyclohexane 1000 pounds

SARA

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

313 REPORTABLE INGREDIENTS: 110-82-7 Cyclohexane

CALIFORNIA PROPOSITION 65: Not Applicable.

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None

DATE OF PREVIOUS SDS: None – New Product.

CHANGES SINCE PREVIOUS SDS: None – New Product.

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.