



GAF Materials Corporation
Material Safety Data Sheet
MSDS # 2005
MSDS Date: January 2012

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: EverGuard® TPO Walkway Pads

TRADE NAME:

CHEMICAL NAME / SYNONYM: N/A

CHEMICAL FAMILY: N/A

MANUFACTURER: GAF Materials Corporation

ADDRESS: 1361 Alps Road, Wayne, NJ 07470

24-HOUR EMERGENCY PHONE (CHEMTREC): 800 – 424 – 9300

INFORMATION ONLY: 800 – 766 – 3411

PREPARED BY: Corporate EHS

APPROVED BY: Corporate EHS

NFPA Hazard Rating

HMIS Hazard Rating

Health
Flammable
Reactive
Special Hazards

0
0
0
-

Health
Flammable
Reactive
Personal Protection

0
0
0
-

OSHA HAZARDOUS: Yes

No

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Titanium Dioxide	13463-67-7	<1.0	15 mg/m ³ – total	10 mg/m ³ – total	REL: lowest feasible concentration
Carbon Black	1333-86-4	<0.01	3.5 mg/m ³	3.5 mg/m ³	REL: 3.5 mg/m ³

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Calcium Carbonate	1317-65-3	15 - 20	5 mg/m ³ – resp. 15 mg/m ³ – total	3 mg/m ³ – resp. 10 mg/m ³ – total	REL: 5 mg/m ³ – resp., 10 mg/m ³ – total
Poly [[6-[1,1,3,3-tetramethylbutyl]amino]-s-triazine-2,4-diy1][2,2,6,6-tetramethyl-4-piperidy1]imino]hexamethylene[(2,2,6,6-tetrame	70624-18-9	<.35	NE	NE	NE

NE = Not Established

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products above are considered articles and do not require an MSDS. However, GAF would like to disclose as much health and safety information as possible to ensure that this product is handled properly. All components listed for this product are bound within the shingle. When handled as intended and under normal conditions, none of the ingredients should be released and should not pose a significant health risk.

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: None known under normal use.

SIGNS & SYMPTOMS OF EXPOSURE

EYES: None

SKIN: None

INGESTION: None

INHALATION: None

ACUTE HEALTH HAZARDS: None

CHRONIC HEALTH HAZARDS: None

CARCINOGENICITY: Titanium Dioxide is classified as a 2B carcinogen (possibly carcinogenic to humans) by the International Agency for Research on Cancer (IARC).

Carbon Black is classified as a 2B carcinogen (possibly carcinogenic to humans) by the International Agency for Research on Cancer (IARC).

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES:	Dust particles that may occur may irritate the eyes.
SKIN:	Dust particles that may occur may irritate the skin.
INHALATION:	Inhalation of dust particles may irritate the respiratory system.
INGESTION:	N/A
NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:	N/A

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA:	Carbon Dioxide, Water Fog, Foam
HAZARDOUS COMBUSTION PRODUCTS:	Carbon Monoxide and Carbon Dioxide
RECOMMENDED FIRE FIGHTING PROCEDURES:	Use routine fire fighting procedures
UNUSUAL FIRE & EXPLOSION HAZARDS:	Thermal oxidative decomposition may yield carbon monoxide, carbon dioxide and low molecular weight hydrocarbons.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: None

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:	Sweep/clean up and dispose of material in accordance with good housekeeping practices.
OTHER PRECAUTIONS:	None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION:	N/A
RESPIRATORY PROTECTION:	N/A
EYE PROTECTION:	Safety glasses
SKIN PROTECTION:	Work gloves
OTHER PROTECTIVE EQUIPMENT:	None
WORK HYGIENIC PRACTICES:	Use the normal precautions taken in handling and cutting flexible rubber or plastic materials.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Composite plastic structure with no odor.		
FLASH POINT:	No Data	LOWER EXPLOSIVE LIMIT:	No Data
METHOD USED:	No Data	UPPER EXPLOSIVE LIMIT:	No Data
EVAPORATION RATE:	<1	BOILING POINT:	No Data
pH (undiluted product):	No Data	MELTING POINT:	No Data
SOLUBILITY IN WATER:	Insoluble	SPECIFIC GRAVITY:	.97 – 1.01
VAPOR DENSITY:	No Data	PERCENT VOLATILE:	No Data
VAPOR PRESSURE:	No Data	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 <input checked="" type="checkbox"/>	UNSTABLE <input type="checkbox"/>
CONDITIONS TO AVOID (STABILITY):	None	
INCOMPATIBILITY (MATERIAL TO AVOID):	None	
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	None	

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal.

RCRA HAZARD CLASS: None

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT TRANSPORTATION

PROPER SHIPPING NAME: This product is not classified as a hazardous material for transport.

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENT: N/A

OTHER: N/A

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

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

CERCLA: N/A

SARA

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: N/A

CALIFORNIA PROPOSITION 65: This product contains 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	MN	NJ	PA	RI
Titanium Dioxide	13463-67-7	No	No	Yes	Yes	Yes	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes	Yes	Yes	Yes
Calcium Carbonate	1317-65-3	No	Yes	Yes	No	Yes	Yes
Poly [[6-[1,1,3,3-tetramethylbutyl]amino]-s-triazine-2,4-diy1][2,2,6,6-tetramethyl-4-piperidy1]imino]hexamethylene[(2,2,6,6-tetrame	70624-18-9	No	No	No	No	No	No

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: N/A

DATE OF PREVIOUS MSDS: 06-2003

CHANGES SINCE PREVIOUS MSDS: Updated to the ANSI 16 section MSDS format.

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.