



GAF Materials Corporation
Material Safety Data Sheet
MSDS # 2083
MSDS Date: October 2013

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: TOPCOAT® SeamCote™
TRADE NAME: N/A
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	1	Health	1
Flammable	1	Flammable	1
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X
OSHA HAZARDOUS:	Yes <input type="checkbox"/>		No X

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Titanium Dioxide	13463-67-7	20 – 40	15 mg/m ³ – total	10 mg/m ³ – total	REL: lowest feasible concentration
Aluminum Trihydrate	21645-51-2	10 – 30	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

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Carbon Black	1333-86-4	0.1 – 5	3.5 mg/m ³	3.5 mg/m ³	REL: 3.5 mg/m ³
Non-hazardous ingredients	n/a	60 – 75	NE	NE	NE

NE = Not Established

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: Skin Absorption, Ingestion, Inhalation

SIGNS & SYMPTOMS OF EXPOSURE

EYES: Irritation and itching.

SKIN: Slight irritation to the skin and itching.

INGESTION: Not likely to occur.

INHALATION: Irritation of nasal passages, throat and lungs. Can cause headaches and nausea.

ACUTE HEALTH HAZARDS: Excessive exposure can cause pulmonary edema.

CHRONIC HEALTH HAZARDS: None known.

CARCINOGENICITY: IARC has determined that occupational exposure to Titanium Dioxide and Carbon Black are possibly carcinogenic to humans (Group 2B). IARC concluded lung tumors were observed in rats following high dose exposure by inhalation and in female rats exposed by intra-tracheal instillation. Other studies have shown no tumors in rats following inhalation exposure and no tumors in mice or rats following oral exposure.

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: Flush eyes with water for 15 minutes. If irritation occurs, consult a physician.

SKIN: Wash skin with soap and water.

INHALATION: Remove patient to an area that has fresh air. If breathing has stopped, administer artificial respiration. Call physician immediately.

INGESTION: Call physician immediately. Do not induce vomiting. Give 2 glasses of water to drink. Do not give anything by mouth to an unconscious person.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: N/A

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Water spray, CO2, dry chemical or foam.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide and carbon monoxide.

RECOMMENDED FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus recommended.

UNUSUAL FIRE & EXPLOSION HAZARDS: None known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Dam up area to prevent spreading. Caution – area may be slippery. Use absorbent material to dry up the wet compound. Provide ventilation in closed areas.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store at 50 – 80 °F. No safety problems known.

OTHER PRECAUTIONS: Protect from freezing. Product will freeze at 32 °F and will be rendered useless.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: For outdoor use. Provide ventilation as necessary to maintain exposure below occupational exposure limits.

RESPIRATORY PROTECTION: Use in ventilated area. Use particulate filter respirator in misty conditions.

EYE PROTECTION: Safety glasses with side shields.

SKIN PROTECTION: Impervious gloves.

OTHER PROTECTIVE EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: Wash and launder clothing after use.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	White to off-white liquid with acrylic odor.		
FLASH POINT:	N/A (water based product)	LOWER EXPLOSIVE LIMIT:	No data
METHOD USED:	CC	UPPER EXPLOSIVE LIMIT:	No data
EVAPORATION RATE:	> 1	BOILING POINT:	212 °F
pH (undiluted product):	10 +/-1.5	MELTING POINT:	No data
SOLUBILITY IN WATER:	Yes	SPECIFIC GRAVITY:	1.0 – 1.3
VAPOR DENSITY:	< 1	PERCENT VOLATILE:	35 – 40
VAPOR PRESSURE:	17 mm Hg	MOLECULAR WEIGHT:	No data
VOC WITH WATER (LBS/GAL):	0.1	WITHOUT WATER (LBS/GAL):	31

SECTION 10: STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide and carbon dioxide.

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: None

SARA

311/312 HAZARD CATEGORIES: Acute Health Hazard

313 REPORTABLE INGREDIENTS: None

CALIFORNIA PROPOSITION 65: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm. Cancer: carbon black.

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
Aluminum Trihydrate	21645-51-2	No	No	No	No	No	No
Carbon Black	1333-86-4	Yes	Yes	Yes	Yes	Yes	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None

DATE OF PREVIOUS MSDS: December 2008

CHANGES SINCE PREVIOUS MSDS: Added IARC 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.