

DuraLife™ Railways® Universal Railing

Material Safety Data Sheet
#2139

Updated: 12/2010



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GAF Materials Corporation
Material Safety Data Sheet
MSDS # 2139
MSDS Date: December 2010

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: DuraLife™ Railways® Universal Railing
TRADE NAME: N/A
CHEMICAL NAME / SYNONYM: Composite Lumber
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
X

OSHA HAZARDOUS: Yes

No X

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Rice Hulls	-	40 – 60	NE*	NE*	NE*
Polyvinyl Chloride	9002-86-2	40 – 60	NE*	NE*	NE*

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Calcium Stearate	1592-23-0	0 – 5	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
Carbon Black	1333-86-4	0 – 5	3.5 mg/m ³	3.5 mg/m ³	REL: 3.5 mg/m ³
Calcium Carbonate	1317-65-3	0 – 5	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
Titanium Dioxide	13463-67-7	0 – 5	15 mg/m ³ – total	10 mg/m ³ – total	REL: lowest feasible concentration
Crystalline Silica	14808-60-7	0 – 5	10 mg/m ³ / (% SiO ₂ + 2) – resp.	0.025 mg/m ³	REL: 0.05 mg/m ³ – resp.
Amorphous silica	7631-86-9	0 – 5	80 mg/m ³ / (% SiO ₂)	6 mg/m ³ – resp. 10 mg/m ³ – total	6 mg/m ³

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 product. When handled as intended and under normal conditions, none of the ingredients should be released and should not pose a significant health risk.

* Dust from machining is to be treated as a Nuisance Dust. Following equipment safety and installation procedures is important as in any deck manufacturing process.

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: Eye Contact

SIGNS & SYMPTOMS OF EXPOSURE

EYES: As supplied, this product does not present an eye hazard. Any dust created as a result of cutting or other manipulation may cause mechanical irritation.

SKIN: As supplied, this product does not present a skin hazard. Any dust created as a result of cutting or other manipulation may cause minor irritation.

INGESTION: This product is not expected to be ingested.

INHALATION: As supplied, this product does not present an inhalation hazard. Any dust created as a result of cutting or other manipulation may cause respiratory tract irritation.

ACUTE HEALTH HAZARDS: See above.

CHRONIC HEALTH HAZARDS: None known.

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: Hold eyelids open and wash with gentle stream of water for at least 15 minutes preferably at eyewash fountain.

SKIN: Wash affected area thoroughly with soap and water.

INHALATION: Remove to fresh uncontaminated air.

INGESTION: Not expected to be ingested.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No information available.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Water spray, alcohol foam, carbon dioxide or dry chemical.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide, nitrogen oxides and HCL are possible.

RECOMMENDED FIRE FIGHTING PROCEDURES: NIOSH-approved self contained breathing apparatus is recommended for smoke protection.

UNUSUAL FIRE & EXPLOSION HAZARDS: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Pick up or sweep up large pieces. Avoid creating dusts during

clean up.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No specific handling or storage requirements.

OTHER PRECAUTIONS: None.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: N/A

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Safety glasses with side shields.

SKIN PROTECTION: Cotton or leather gloves are recommended when handling.

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:	Solid lumber-like boards in various colors; no odor.		
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):	No Data	MELTING POINT:	230 – 356 °F
SOLUBILITY IN WATER:	Insoluble	SPECIFIC GRAVITY:	1.8
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

PACKING GROUP: N/A
LABEL STATEMENT: N/A
OTHER: N/A

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

TSCA: All components of this product listed on the TSCA 8(b) inventory.

CERCLA: None

SARA

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

CALIFORNIA PROPOSITION 65: This product may contain 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
Rice Hulls	-	No	No	No	No	No	No
Polyvinyl Chloride	9002-86-2	No	No	No	Yes	No	No
Calcium Stearate	1592-23-0	No	No	No	No	No	No
Carbon Black	1333-86-4	Yes	Yes	Yes	Yes	Yes	Yes
Calcium Carbonate	1317-65-3	No	Yes	Yes	No	Yes	Yes
Titanium Dioxide	13463-67-7	No	No	Yes	Yes	Yes	Yes
Crystalline Silica	14808-60-7	Yes	Yes	Yes	Yes	Yes	Yes
Amorphous silica	7631-86-9	Yes	Yes	Yes	Yes	Yes	No

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None

DATE OF PREVIOUS MSDS: New MSDS

CHANGES SINCE PREVIOUS MSDS: N/A

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.