

Leak Buster™ Matrix™ 301 Fibered  
Aluminum Roof Coating Label; Leak  
Buster™ Matrix™ 302 Non Fibered  
Aluminum Roof Coating Label; Leak  
Buster™ Matrix™ 303 Fibered Aluminum  
Roof Coating Label; Leak Buster™ Matrix™  
304 Non Fibered Aluminum Roof Coating  
Label

Materials Safety Data Sheet

Updated: 12/08



*Quality You Can Trust Since 1886...*  
*From North America's Largest Roofing Manufacturer™*



**GAF Materials Corporation**  
**Material Safety Data Sheet**  
**MSDS # 1036**  
**MSDS Date: December 2008**

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

**PRODUCT NAME:** Leak Buster™ Matrix™ 301 Fibered Aluminum Roof Coating Label; Leak Buster™ Matrix™ 302 Non Fibered Aluminum Roof Coating Label; Leak Buster™ Matrix™ 303 Fibered Aluminum Roof Coating Label; Leak Buster™ Matrix™ 304 Non Fibered Aluminum Roof Coating Label

**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	2	Flammable	2
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X
<b>OSHA HAZARDOUS:</b>	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

**OCCUPATIONAL EXPOSURE LIMITS**

CHEMICAL NAME	CAS #	%(BY WT)	OSHA	ACGIH	OTHER
Petroleum Asphalt	8052-42-4	66	NE	5 mg/m3 (as fumes)	REL: 5 mg/m3 – Ceiling

## OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Aluminum Flake	7429-90-5	12	15 mg/m <sup>3</sup> - total	10 mg/m <sup>3</sup>	RE: 5 mg/m <sup>3</sup> – resp. 10 mg/m <sup>3</sup> – total
Mineral Spirits	64742-88-7	21	NE	NE	NE

NE = Not Established

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**SECTION 3: HAZARDS IDENTIFICATION**


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**PRIMARY ROUTE OF EXPOSURE:** Inhalation, Skin Absorption, Ingestion, Eye

**SIGNS & SYMPTOMS OF EXPOSURE**

**EYES:** May cause irritation, blurred vision.

**SKIN:** Prolonged contact may cause irritation and/or dermatitis.

**INGESTION:** Can Cause gastrointestinal irritation.

**INHALATION:** Use with adequate ventilation. Inhalation of high vapor concentration may cause headaches and/or dizziness.

**ACUTE HEALTH HAZARDS:** N/A

**CHRONIC HEALTH HAZARDS:** Prolonged or repeated skin contact with this product may result in irritation and dermatitis. Chronic health effects would not be expected as long as good hygiene and proper safety precautions are practiced.

**CARCINOGENICITY:** The International Agency for Research on Cancer (IARC) has determined that there is sufficient evidence for the carcinogenicity of extract of steam-refined bitumens, air-refined bitumens and pooled mixtures of steam-and air-refined bitumens in experimental animals. Possible skin cancer hazard based on tests with laboratory animals. This product may contain polynuclear aromatic hydrocarbons, some of which may be types that have been shown to cause skin cancer in laboratory animals. This product has not been tested as a whole for all potential health effects. It may have other health hazards related to its components. Skin contact, breathing of mists, fumes or vapors should be reduced to a minimum to avoid any ill effects.

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**SECTION 4: FIRST AID MEASURES**


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**FIRST AID PROCEDURES**

<b>EYES:</b>	Flush with large amounts of water. Consult a physician.
<b>SKIN:</b>	Clean affected area with a waterless hand cleaner, then wash area thoroughly with soap and water. If redness, etc. persists, consult a physician.
<b>INHALATION:</b>	Remove person from area. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Seek immediate medical aid
<b>INGESTION:</b>	Do not induce vomiting. Consult a physician immediately.
<b>NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:</b>	Persons with a history or chronic skin or respiratory disorders may be at increased risk for a worsening of their condition from exposure to this product.

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**SECTION 5: FIRE FIGHTING PROCEDURES**

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<b>SUITABLE EXTINGUISHING MEDIA:</b>	Foam, Dry Chemical, CO <sub>2</sub> – <b>DO NOT USE WATER</b>
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	N/A
<b>RECOMMENDED FIRE FIGHTING PROCEDURES:</b>	Treat as fuel oil fire. Self-contained breathing apparatus recommended
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	COMBUSTIBLE. Keep away from open flame and sources and heat.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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<b>ACCIDENTAL RELEASE MEASURES:</b>	Dike spill area; add absorbent to liquid. Keep out of sewers and waterways. Remove any sources of ignition. Ventilate area if necessary.
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**SECTION 7: HANDLING AND STORAGE**

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<b>HANDLING AND STORAGE:</b>	Keep away from sources of ignition; open flame. This material is for exterior use only.
<b>OTHER PRECAUTIONS:</b>	Practice good personal hygiene. Launder contaminated clothing before reuse. Use control protection such as chemical splash proof goggles, oil resistant gloves, barrier cream. Clean tools

and equipment with kerosene. DO NOT USE GASOLINE.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>ENGINEERING CONTROLS / VENTILATION:</b>	Use Local Exhaust
<b>RESPIRATORY PROTECTION:</b>	Respiratory Protection (Specify Type) – Normally not needed. If TLV is exceeded, use approved NIOSH/MSHA respirator.
<b>EYE PROTECTION:</b>	Safety Glasses
<b>SKIN PROTECTION:</b>	Protective Gloves - Oil resistant recommended.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Impervious work clothing is recommended.
<b>WORK HYGIENIC PRACTICES:</b>	Wash hands after use.
<b>EXPOSURE GUIDELINES:</b>	N/A

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE &amp; ODOR:</b>	Silver Liquid, Petroleum Odor.		
<b>FLASH POINT:</b>	110 °F	<b>LOWER EXPLOSIVE LIMIT:</b>	0.9 %
<b>METHOD USED:</b>	TCC	<b>UPPER EXPLOSIVE LIMIT:</b>	6.7 %
<b>EVAPORATION RATE:</b>	<1	<b>BOILING POINT:</b>	300 to 350 °F Solvent only
<b>pH (undiluted product):</b>	No Data	<b>MELTING POINT:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	Nil	<b>SPECIFIC GRAVITY:</b>	1
<b>VAPOR DENSITY:</b>	<1	<b>PERCENT VOLATILE:</b>	No Data
<b>VAPOR PRESSURE:</b>	2.7 mm @ 20 °C (Solvent)	<b>MOLECULAR WEIGHT:</b>	No Data
<b>VOC WITH WATER (LBS/GAL):</b>	No Data	<b>WITHOUT WATER (LBS/GAL):</b>	No Data

### SECTION 10: STABILITY AND REACTIVITY

**THERMAL STABILITY:**

**STABLE**

**UNSTABLE**

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<b>CONDITIONS TO AVOID (STABILITY):</b>	Open flames, all sources of ignition. Do not heat or thin this material.
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b>	Water, water vapor, acids, caustics, halogenated hydrocarbons and oxidizers. May react with strong with some acids and caustic solutions to form hydrogen gas and heat. Water will do the same.
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	Carbon Monoxide and Carbon Dioxide.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**TOXICOLOGICAL INFORMATION:** No information available.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**ECOLOGICAL INFORMATION:** No information available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** This product, as supplied, is regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. If discarded in its purchased form, this product is a RCRA hazardous waste. It is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or residue of the product remains classified a hazardous waste as per 40 CFR 261, Subpart C. State or local regulations may also apply if they differ from the federal regulation.

**RCRA HAZARD CLASS:** D001, Ignitable Hazardous Waste

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**SECTION 14: TRANSPORTATION INFORMATION**

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**U.S. DOT TRANSPORTATION**

**PROPER SHIPPING NAME:** Petroleum products, n.o.s.  
**HAZARD CLASS:** 3  
**ID NUMBER:** UN1268  
**PACKING GROUP:** 1  
**LABEL STATEMENT:** N/A  
**OTHER:** N/A

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

**TSCA:** All components are listed on the TSCA inventory.

**CERCLA:** None

**SARA**

**311/312 HAZARD CATEGORIES:** Combustable, Slight Health Hazard

**313 REPORTABLE INGREDIENTS:** Petroleum Asphalt 8052-42-4 66%  
 Aluminum Flake 7429-90-5 12%  
 Mineral Spirits 64742-88-7 21%

**CALIFORNIA PROPOSITION 65:** N/A

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
Petroleum Asphalt	8052-42-4	YES	YES	YES	YES	YES	YES
Aluminum Flake	7429-90-5	YES	NO	YES	YES	NO	YES
Mineral Spirits	64742-88-7	NO	NO	NO	YES	NO	NO

**SECTION 16: OTHER INFORMATION**

**ADDITIONAL COMMENTS:** None

**DATE OF PREVIOUS MSDS:** February 2004

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

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**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.**