Leak Buster™ Matrix 307™ Asphalt Primer

Materials Safety Data Sheet

Updated: 12/08

GAF MATERIALS CORPORATION

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

GAF Materials Corporation
Material Safety Data Sheet
MSDS # 1086
MSDS Date: December 2008

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME:	Leak Buster™ Matrix 307™ Asphalt Primer
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	2	**Health**	2
Flammable	2	**Flammable**	2
Reactive	0	**Reactive**	0
Special Hazards	-	**Personal Protection**	X

OSHA HAZARDOUS: **Yes X** **No** ☐

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	**CAS #**	**% (BY WT)**	**OSHA**	**ACGIH**	**OTHER**
Asphalt	8052-42-4	50 – 70	NE	0.5 mg/m3 (inhalable fraction, as benzene-soluble aerosol)	5 mg/m3 – Ceiling (15 min. fumes)
Stoddard Solvent	8052-41-3	30 – 50	500 ppm	100 ppm	350 mg/m3

NE = Not Established

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: Inhalation, Skin Absorption, Ingestion

SIGNS & SYMPTOMS OF EXPOSURE

EYES: Irritation and watering of the eyes. Prolonged or repeated contact can cause blurred vision and corneal injury.

SKIN: Irritation of skin, redness and possible swelling. Prolonged or repeated contact can cause dermatitis, defatting. Can be absorbed through skin.

INGESTION: Choking difficulty in breathing, gastrointestinal irritation, nausea and vomiting. Nervous system depression, which can include drowsiness, dizziness, loss of coordination and fatigue.

INHALATION: Breathing difficulty, lightheadedness, headache, dizziness and nausea. Irritation to the nose, throat and lungs. Prolonged inhalation may lead to mucous membrane irritation, central nervous system depression, and unconsciousness.

ACUTE HEALTH HAZARDS: Breathing difficulty, headache, dizziness, nausea and irritation to the respiratory tract. Causes eye and skin irritation. Irritation of the digestive tract and nervous system depression.

CHRONIC HEALTH HAZARDS: Ingredients in this product are reported to aggravate preexisting eye, skin, respiratory, kidney and liver disorders. Prolonged and repeated overexposure may cause permanent brain and or nervous system damage. Can cause dermatitis. Sanding dust inhalation may cause lung damage. Intentional misuse through inhalation may be harmful or fatal.

CARCINOGENICITY: The International Agency for Research on Cancer (IARC) has determined that there is limited or inadequate evidence in humans for the carcinogenicity of exposure to asphalt. Classified as a Group 2B (Possibly Carcinogenic to Humans).

There is a trace amount of crystalline silica in this product. The International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) have determined that there is sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite. In addition, IARC has determined that there is sufficient evidence for the carcinogenicity of quartz and cristobalite in experimental animals. Among individuals with silicosis, lung cancer occurs more frequently in those who smoke.

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES:	Flush with large quantities of water for at least 15 minutes. Seek immediate medical attention.
SKIN:	Wash thoroughly with soap and water. If irritation persists, get medical attention.
INHALATION:	Remove to fresh air. Administer oxygen if necessary. Seek immediate medical attention.
INGESTION:	Do not induce vomiting. Drink 1 or 2 glasses of water to dilute. Obtain medical attention immediately.
NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:	Repeated/continuous exposure can cause chemical pneumonia, liver/kidney damage. Large amounts may need immediate emergency treatment. Repeated/continuous exposure can aggrevate emphysema.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA:	Dry chemical, foam, water fog or CO2.
HAZARDOUS COMBUSTION PRODUCTS:	Nitrogen oxides and carbon oxides.
RECOMMENDED FIRE FIGHTING PROCEDURES:	Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant PPE. Water may be ineffective in extinguishing fire. Use self-contained breathing apparatus. Do not use water stream on burning liquid. If water is used to cool containers near fire, fog nozzles are preferred.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Closed containers may explode when exposed to extreme heat or fire. Material may splatter if exposed to extreme heat. Decomposition of burning material may cause toxic gases to form, which may include carbon dioxide and carbon monoxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:	Avoid contact and breathing of vapors. Ventilate area. Remove ignition sources. Dike and absorb with absorbent material. Use nonsparking tools to return material to container. Prevent material from entering sewers or open bodies of water.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Keep out of reach of children. Do not take internally. Avoid contact with eyes and prolonged contact with skin. When storing, close tightly, keep upright, away from fire and high temperatures. Transfer to approved containers with complete and appropriate labeling. Avoid freefall and ground containers when transferring. Do not cut or weld empty drum. Remove contaminated clothing and launder before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

OTHER PRECAUTIONS: None.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Local exhaust preferable. If venting, discharge exhaust away from ignition sources. If in confined areas, use mechanical ventilation to keep vapor concentration under permissible TLV and LEL.

RESPIRATORY PROTECTION: Use only with adequate ventilation. Provide adequate fresh air entry. If not wear the proper respiratory protection. If ventilation is inadequate use an organic vapor/particulate respirator approved by NIOSH/MSHA for spray/mist vapors. When sanding a dried coating film use a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated.

EYE PROTECTION: Splash resistant and spray mist protection required. Use splash goggles or safety glasses with side shields.

SKIN PROTECTION: Solvent impermeable rubber gloves required during repeated contact.

OTHER PROTECTIVE EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: Wear gloves and safety goggles to prevent irritations. Wash hands with soap and water or waterless cleaner.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Dark colored liquid with solvent odor.		
FLASH POINT:	106 °F	**LOWER EXPLOSIVE LIMIT:**	0.7%
METHOD USED:	TCC	**UPPER EXPLOSIVE LIMIT:**	6.0%
EVAPORATION RATE:	Slower than ether	**BOILING POINT:**	315 °F

pH (undiluted product):	No data	**MELTING POINT:**	No data
SOLUBILITY IN WATER:	Insoluble	**SPECIFIC GRAVITY:**	0.9
VAPOR DENSITY:	Heavier than air	**PERCENT VOLATILE:**	< 40%
VAPOR PRESSURE:	No data	**MOLECULAR WEIGHT:**	No data
VOC WITH WATER (LBS/GAL):	2.68	**WITHOUT WATER (LBS/GAL):**	2.68

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY: **STABLE X** **UNSTABLE** ☐

CONDITIONS TO AVOID (STABILITY): Elevated temperatures and build up of vapors. Heat, sparks and open flame. Avoid free fall.

INCOMPATIBILITY (MATERIAL TO AVOID): Oxidizers, acids and bases.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Burning or decomposing film may give off carbon dioxide and or carbon monoxide.

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 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

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT TRANSPORTATION

PROPER SHIPPING NAME: Flammable Liquid N.O.S.

HAZARD CLASS: 3

ID NUMBER: UN 1993

PACKING GROUP: III

LABEL STATEMENT: Class 3 Flammable Liquid Label

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, Chronic Health Hazard, Fire 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: crystalline silica (trace).

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
Asphalt	8052-42-4	Yes	Yes	Yes	Yes	Yes	Yes

Stoddard Solvent	8052-41-3	Yes	Yes	Yes	Yes	Yes	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None

DATE OF PREVIOUS MSDS: February 2004

CHANGES SINCE PREVIOUS MSDS: Changed 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.