



Material Safety Data Sheet

Coated Glass Mat

MANUFACTURER: Atlas Roofing Corporation
ADDRESS: 1775 The Exchange, Suite 160
Atlanta, GA 30339

PHONE: Call one of the following numbers for the location closest to you.

Hours: 8:00 AM to 5:00 PM (respective time zone)

Camp Hill, Pennsylvania	800-688-1476
East Moline, IL	800-677-1476
LaGrange, Georgia	800-955-1476
Denver, Colorado	800-288-1476
Mesa, Arizona	800-477-1476
Diboll, TX	800-766-1476
Toronto, CANADA	416-201-8975

DATE OF PREPARATION: January 1, 2005

PREPARED BY: Environmental and Health Officer
PRODUCT NAME: Coated Glass Mat

SECTION I – COMPONENT DATA

HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	C.A.S. NUMBER
Fiberglass	Fibrous Glass	65997-17-3
Limestone	Calcium Carbonate	471-34-1
Dried Latex Polymer	NA	9003-55-8

SECTION II – PHYSICAL DATA

BOILING POINT (°F): NA*

SPECIFIC GRAVITY (H₂O=1): ND**

MELTING POINT: NA

VAPOR PRESSURE (mmHg @ 20°C): NA

PERCENT VOLATILE BY VOLUME: NA

VAPOR DENSITY (AIR=1): NA

EVAPORATIVE RATE (ETHYL ETHER=1): NA

COATED-GLASS05

SOLUBILITY IN WATER: Insoluble **pH:** NA

APPEARANCE AND ODOR: Beige-gray colored solid coating on non-woven glass mat. No odor

SECTION III – FIRE & EXPLOSION HAZARD DATA

FLASH POINT (°F): NA **METHOD USED:** NA

FLAMMABILITY LIMITS: NA

LEL: NA **UEL:** NA

AUTO-IGNITION TEMPERATURE (°F): NA

EXTINGUISHING MEDIA: CO₂, Dry Chemical, Water Spray

SPECIAL FIRE-FIGHTING INSTRUCTIONS:

Self contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This product will burn if left exposed to certain high intensity fire conditions and will create some flames and dense, black smoke.

SECTION IV – REACTIVITY DATA

STABILITY (CONDITIONS TO AVOID):

Stable (sources of ignition)

INCOMPATIBILITY (MATERIALS TO AVOID):

Acetone, methyl ethyl ketone, tetrahydrofuran, chlorine, chloroform, hydrogen peroxide, ethylene dichloride, dimethyl sulfoxide, and dimethyl formamide

HAZARDOUS DECOMPOSITION PRODUCTS:

Primarily CO, CO₂

*NA – Not applicable

**ND - Not Determined

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION V- HEALTH HAZARD DATA

PRIMARY ROUTE (S) OF ENTRY: Inhalation

HEALTH HAZARDS (ACUTE AND CHRONIC):

INHALATION:

FOR FIBROUS GLASS

Acute Mechanical irritation of the mouth, nose, and throat.

Chronic: No chronic health effects are known to be associated with exposure to continuous filament fiber glass. Results from epidemiological studies have not shown any increases in respiratory disease or cancer. The International Agency for Research on Cancer (IARC) has classified continuous filament fiber glass “Not Classifiable as to Carcinogenicity to Humans.” (Group 3). Extensive epidemiological studies of fiber glass manufacturing workers were reviewed by IARC in 1987 and were found to provide inadequate evidence of carcinogenicity in humans. A 1990 update of a U.S. mortality study reported a small but statistically significant excess in respiratory cancer among fiber glass manufacturing workers. However, this increase could not be associated with exposure to the fiberglass due to lack of dose response or length of employment relationships to the increase in cancer rates. This study has been expanded, and is continuing to monitor the study populations cancer rates and identify possible factors contributing to the increase.

SKIN CONTACT:

FOR FIBROUS GLASS

Acute: Transient mechanical irritation.

Chronic: None known.

EYE CONTACT:

FOR FIBROUS GLASS

Acute: Mechanical irritation

Chronic: None known.

SIGNS AND SYMPTOMS OF EXPOSURE:

Mechanical irritation of the eyes, skin, and respiratory tract.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Any condition generally aggravated by mechanical irritants in air or on skin.

EXPOSURE LIMITS:

HAZARDOUS INGREDIENTS	OSHA PEL (mg/M ³)	ACGIH TLV (mg/M ³)	OTHER RECOMMENDED (SOURCE)
Fibrous Glass (respirable nuisance dust)	5 mg/M ³	10 mg/M ³	3 x10 ⁶ fibers/M ³ (NIOSH)

CARCINOGENICITY:

HAZARDOUS INGREDIENTS	NTP LISTED	IARC LISTED	OSHA REGULATED
Fibrous Glass	No	No	No

SECTION VI – EMERGENCY AND FIRST –AID PROCEDURES

INHALATION: None required.

SKIN: Wash with soap and running water.

EYES: Flush with running water for at least 15 minutes.

SECTION VII – SPECIAL HANDLING INSTRUCTIONS

VENTILATION: Ambient

RESPIRATORY CLOTHING:

If irritation occurs or TLV is exceeded, use a respirator such as 3M Model 9900, Model 8710, or equivalent, for protection against nuisance dusts.

PROTECTIVE CLOTHING:

Dust is generated during cutting. Wear long sleeved, loose fitting clothing, long pants and gloves, to reduce irritation.

EYE PROTECTION:

Goggles or safety glasses with side shields are recommended.

WORK/HYGIENIC PRACTICES:

No special practices required.

SECTION VIII – SPILL, LEAK, & DISPOSAL PROCEDURES

ACTION TO TAKE FOR SPILLS (USE APPROPRIATE SAFETY EQUIPMENT):

NA

WASTE DISPOSAL METHOD:

Dispose in accordance with federal, state, and local regulations. The primary method of disposal is in a municipal or industrial landfill.

EPA HAZARDOUS WASTE NUMBER: NA

This material is not regulated under the “RCRA” hazardous waste regulations.

SECTION IX- SPECIAL PRECAUTIONS/ADDITIONAL INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

None

DOT INFORMATION

HAZARDOUS MATERIAL PROPER SHIPPING NAME:

Not regulated by DOT.

HAZARD CLASS:

NA

UN IDENTIFICATION NUMBER:

None

ADDITIONAL INFORMATION: None

ENVIRONMENT AND HEALTH OFFICER