



Continental Materials, Inc

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CMI 15 ASTM- 226 ASPHALT SATURATED ORGANIC FELT TECHNICAL SPECIFICATION

APRIL 1, 2002

COMPLIES: ASTM D 226-97a

1. FINISHED WEIGHT AND DIMENSIONS

SPECIFICATIONS	UNITS	ASTM	TYPICAL
WEIGHT	lb	49	53
LENGTH	ft	144	144
WIDTH	in	36	36
AREA	Ft ²	216 or 432	432

2. COMPOSITION

SPECIFICATIONS	UNITS	ASTM	TYPICAL
DRY FELT	lb/100ft ²	5.2	5.41
SATURANT	lb/100ft ²	6.2	8

3. PERFORMANCE REQUIREMENTS

SPECIFICATIONS	ASTM	TYPICAL
PLIABILITY AT 77°F AN ½" RADIUS	½ in radius	½ in radius
No. OF FAILURES PER TEN STRIPS AVERAGE BREAKING SYSTEM		
Lbf/in (min) with the fiber grain	30	30
Lbf/in (min) across fiber grain	15	15
LOSS OF HEATING AT 221° F FOR 5h MAX (%)	4	4

4. SAMPLING AND TEST METHODS

ASTM STANDARDS

D70	SPECIFIC GRAVITY AND DENSITY OF SEMISOLD BITUMINOUS MATERIALS
D146	SAMPLING AND TESTING BITUMEN SATURTED FELTS AND WOVEN FABRIC FOR ROOFING AND WATERPROOFING
D312	ASPHALT USED IN ROOFING
D449	ASPHALT USED IN DAMPPROOFING AND WATERPROOFING
D727	KEROSENE NUMBER OF ROOFING AND FLOORING FELT BY THE VACUUM METHOD
D1079	DEFINITIONS OF TERM RELATING TO ROOFING, WATERPROOFING, AND BITUMINOUS MATERIALS.

ALL DEFINITIONS AND TERMS USED IN THIS SPECIFICATION REFER TO DEFINITION D1079.



CONTINENTAL MATERIALS, INC.
MATERIAL SAFETY DATA SHEET

Product Name: 15 ASTM
ASTM D226-89

ISSUED: MAY 30, 2000
SUPERSEDES: MAY 11, 1999

SECTION 1: MANUFACTURER/PRODUCT IDENTIFICATION

Product Name: Asphalt Roll Roofing Products
CAS#: Mixture/None Assigned
Generic Name: Asphalt Saturated Organic Felt Roofing (432 ft²)
Formula: Hydrocarbon Mixture **Chemical Name:** Mixture
Manufacturer: CONTINENTAL MATERIALS, INC **Telephone:** (215) 884-4930
Address: 101 Greenwood Ave. **Fax:** (215) 887-4485
Suite LC 60
Jenkintown, Pa
19046
Trade Names:
15 ASTM

SECTION 2: COMPOSITION

Component Name	%	CAS#	ACGIH	OSHA/PEL
Cellulose Felt Paper	44 – 46	9004-34-6	10 mg/m ³	15 mg/m ³
Petroleum Asphalt	54 – 56	8052-42-4	5 mg/m ³	5 mg/m ³

Note: Dues to product form, exposure to hazardous dusts is not expected to occur.
Exposure limits are given for reference only.

SECTION 3: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE AND ODOR: Dark mat with asphalt odor.

Under normal conditions of use, this product is not expected to create any unusual emergency hazards.

In the event of fire, use normal fire fighting procedures to prevent inhalation of smoke and gases.

Potential Health Effects

Summary:

The petroleum asphalt fumes may cause respiratory irritation.

SECTION 4: FIRST AID MEASURES

Inhalation:

Remove to fresh air. Drink water to clear throat, and blow nose to remove dust.

Skin:

Wash gently with soap and warm water to remove fibers. Wash hands before eating or using the restroom.

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Absorption: N/A

Ingestion:

Product is not intended to be ingested or eaten. If the product is ingested, irritation of the gastrointestinal tract may occur, and should be treated symptomatically. Rinse mouth with water to remove fibers, and drink plenty of water to help reduce the irritation. No chronic effects are expected following ingestion.

Eye:

Do not rub or scratch your eyes. Dust particles may cause the eye to be scratched. Flush eyes with large amounts of water for 5 – 15 minutes. If irritation persists, contact a physician.

Notes to Physician:

This product is a mechanical irritant, and is not expected to produce any chronic health effects from acute exposures. Treatment should be directed toward removing the source of irritation with symptomatic treatment as necessary.

SECTION 5: FIRE FIGHTING MEASURES

Summary:

Burning product may produce thick black smoke. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.

Extinguishing Media:

Foam, carbon dioxide (CO₂), dry chemical ABC rated.

Flammable Properties and Explosive Limits:

Flash Point: N/A

FP Test Method: N/A

Flame Classification: Not determined

Flame Propagation: Not determined

Lower Explosive Limit (LEL): Not determined

Upper Explosive Limit (UEL): Not determined

Autoignition Temperature: Not determined

Decomposition Temperature: Not determined

SECTION 6: ACCIDENTAL SPILL/RELEASE MEASURES

Containment Procedures:

Pick up large pieces. If sweeping is necessary, use a dust suppressant such as water. Do not dry sweep dusts or use compressed air for clean-up. These procedures will help to minimize potential exposures.

Disposal:

Wastes are not hazardous as defined by the Resource Conservation and Recovery Act (RCRA; 40 CFR 261). Comply with state and local regulations for disposal of asphalt roofing products. If you are unsure of the regulations, contact your Local Public Health Department, or the Office of the Environmental Protection Agency (EPA).

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SECTION 7: HANDLING AND STORAGE

Storage Handling:

Material should be kept dry, stored in an upright position, and protected from the elements.

Conditions to avoid:

Avoid direct exposure to very high heat or flame and oxidizer.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Summary:

Protective equipment should be provided as necessary to prevent irritation of the throat, eyes and skin, and to kept exposures below the applicable exposure limits identified in Section 2.

Eye:

Avoid eye contact. Safety glasses with sideshields are recommended to keep material out of the eyes.

Skin:

Leather or cotton gloves are optional.

Respiratory:

Is exposed to excessive dust or if asphalt is heated, wear a NIOSH / OSHA approved respirator.

Ventilation:

No special ventilation systems are required when using this product. The need for ventilation systems should be evaluated by a professional industrial hygienist for indoor storage areas, while a professional engineer must conduct the design of specific ventilation systems.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point (°F/°C):	>700°F / 370°C
Melting Point:	NA
pH:	NA
Saturation in Air (%)	NA
Solids Content:	NA
Specific Gravity (Water = 1):	1.1 – 1.4
Vapor Density (Air =1):	NA
Viscosity:	NA
VOCs (g/liter):	NA
Volatile by Volume (%)	0
Water Solubility	0
Appearance and Odor:	Dark mat. Asphalt odor.

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SECTION 10: STABILITY AND REACTIVITY

Stability:

The product is stable.

Incompatible materials:

Strong oxidizing agents, reducing agents, strong acids and alkalis.

Hazardous polymerization:

Will not occur.

Hazardous decomposition products:

None.

SECTION 11: ECOLOGICAL INFORMATION

Ecotoxicity:

This product has not been tested.

SECTION 12: DISPOSAL CONSIDERATIONS

Summary:

The U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations does not regulate this product as a hazardous waste. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact your local Public Health Department, or the local office of EPA.

SECTION 13: TRANSPORT INFORMATION

Transportation Summary:

This product is not regulated as a hazardous material for transport.

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