

SAFETY DATA SHEET

SECTION 1: General Product and Company Information

CONTINENTAL MATERIALS, INC.
1614 OLD YORK ROAD
ABINGTON, PA 19001

PHONE: 215-884-4930
FAX: 215-887-4485

CREATION DATE OF DATA SHEET: 5-31-15

TRADE NAME: LionGUARD™ ASPHALT SATURATED ROOFING FELT
LionGUARD™ #15 ASTM D4869 Type I ASPHALT SATURATED FELT
LionGUARD™ #15 ASTM D226 Type I ASPHALT SATURATED FELT
LionGUARD™ #30 ASTM D4869 Type II ASPHALT SATURATED FELT
LionGUARD™ #30 ASTM D226 Type II ASPHALT SATURATED FELT

CHEMICAL FAMILY: ASPHALT / SATURATED FELT - MIXTURE

SECTION 2: Health Hazard Identification

OVERVIEW – As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products listed below are considered articles and do not require an SDS. In addition, articles are not included in the scope of the Global Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, CMI would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the products. This SDS should be retained and be made available for employees and other users of these products. In addition, the recommendations for handling and use of these products should be included in worker training programs.

EXPOSURE TYPES – eye and skin contact, inhalation and ingestion.

POTENTIAL HEALTH EFFECTS:

Eyes: May cause irritation to the eye.

Skin: May cause irritation to the skin.

Ingestion: This product is not intended to be ingested. If ingested, may cause temporary mouth, throat and gastrointestinal irritation with possible nausea, vomiting and diarrhea.

Inhalation: May cause irritation to the respiratory tract. Fumes from hot asphalt may cause nausea, headache, and dizziness.

ACCUTE HEALTH HAZARDS: See above.

CHRONIC HEALTH HAZARDS: None known.

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 Group 2B (possibly Carcinogenic to Humans).

SECTION 3: Information on Ingredients

Chemical Name	CAS#	%	OSHA	ACGIH	OTHER
ASPHALT, OXIDIZED	64742-93-4	20-30	NE	ACGIH 0.5mg/m3 (inhalable fraction, as benzene soluble aerosol)	REL: 5 mg/m3- Ceiling (15 min. fumes)
ASPHALT	8052-42-4	20-30	NE	ACGIH 0.5mg/m3 (inhalation fraction, as benzene soluble aerosol)	REL: 5 mg/m3- Ceiling (15 min. fumes)
FELT		50-60	NE	NE	NE

NE= Not Established

SECTION 4: First Aid Measures

FIRST AID MEASURES:

Eye Contact: Immediately flush eyes with plenty of water for at least 20 minutes. Ensure adequate flushing of eyes by separating the eyelids with fingers. Get medical attention, if irritation or symptoms of overexposure continues.

Skin Contact: Wash affected area thoroughly with soap and water.

Inhalation: – Remove to fresh uncontaminated air.

Ingestion: Not expected to be ingested. If this product is ingested, rinse mouth with water to remove material or dust and drink plenty of water to help reduce the irritation. Seek medical assistance.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: This product is a mechanical irritant and is not expected to produce any chronic effects from acute exposures. Treatment should be directed toward removing the source of irritation with symptomatic treatment as necessary.

SECTION 5: Fire and Explosion Hazard Info and Data

EXTINGUISHING MEDIA: Use water spray, CO2, dry chemical or foam.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SECTION 6: Accidental Release Measures

CLEANUP METHODS: Pick up or sweep up large pieces.

SECTION 7: Handling and Storage

HANDLING/ STORAGE: No specific handling or storage requirements.

OTHER PRECAUTIONS: None.

SECTION 8: Exposure Controls / Personal Protection

ENGINEERING CONTROLS: N/A

PERSONAL PROTECTION: N/A

Eyes/Face: Wear safety glasses with shields.

Skin: None required. Cotton or leather gloves may be worn when handling for comfort.

Respiratory: N/A

Work Hygienic Practices: Wash exposed skin prior to eating, drinking or smoking and at the end of each work shift.

Exposure Guidelines: N/A

SECTION 9: Physical Data

BOILING POINT: No data.

FLASH POINT: No data.

VAPOR PRESSURE: No data.

VAPOR DENSITY: No data.

SPECIFIC GRAVITY: No data.

PERCENT VOLITILE: No data.
EVAPORATION RATE: No data.
SOLUBILIY IN WATER: Insoluble.
APPEARANCE AND ODOR: Thin black sheet in a roll format; slight asphaltic odor.

SECTION 10: Reactivity Data

STABILITY: Stable under normal conditions
CONDITIONS TO AVOID: Avoid flames and excessive heat.
INCOMPATIBILITY: May react with strong acids, oxidizing agents.
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide. Combustion products may include sulfur oxides and hydrogen sulfide and nitrogen oxides.

SECTION 11: Toxicological Information

TOXICOLOGICAL INFORMATION: No information available.

SECTION 12: Ecological Information

ENVIRONMENTAL: No data available for this material.

SECTION 13: Disposal Considerations

WASTE DISPOSAL METHOD: This material is not expected to be a characteristic hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. .
WASTE DISPOSAL: Dispose of in accordance with all Local, State and Federal regulations.
COMPONENT WASTE NUMBRERS: No EPA Waste Numbers are applicable for this product

SECTION 14: Transport Information

U.S. D.O.T. SHIPPING: Not regulated as a hazardous material for transportation.

SECTION 15: Regulatory Information

SARA: This material contains Polycyclic Aromatic Compounds (PACs) listed under SARA Title III Section 313.

CERCLA: None

TSCA: The ingredients in this product are listed in the TSCA Inventory as required by law.

CALIFORNIA PROP 65: The following statement is based on the requirement of California's Proposition 65 (1986): This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Cancer: asphalt.

Other state regulations may apply. Check individual state requirements. The following components appear on one or more of the following state hazardous substances list:

Chemical Name	CAS#	CA	MA	MN	NJ	PA	RI
ASPHALT, OXIDIZED	64742-93-4	YES	YES	YES	YES	YES	YES
ASPHALT	8052-42-4	YES	YES	YES	YES	YES	YES

SECTION 16: Other Information

ADDITIONAL COMMENTS: None

SDS REVISION DATE: May 2015

DISCLAIMER: Reasonable care has been used in the preparation of this MSDS information, but the manufacturer and supplier make no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. Final determination of suitability of any material is the sole responsibility of the user. The manufacturer and supplier make no representations and assume no liability for any direct, incidental or consequential damages resulting from its use.