

MATERIAL SAFETY DATA SHEET

SECTION 1: GENERAL INFORMATION

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

N/A = NOT APPLICABLE

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

DATE OF DATA SHEET: 03/01/10

TRADE NAME: CMI-Pak - ROOFING ASPHALT TYPE IV /TYPE III / NO SMELL

CHEMICAL FAMILY: ASPHALT

SECTION 1A: REGULATORY AFFAIRS INFORMATION

1. THE INGREDIENTS IN THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY AS REQUIRED BY LAW.
2. INGREDIENTS PRESENT AT A LEVEL THAT MAY BE SUBJECT TO REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313.
INGREDIENTS - NONE
3. INGREDIENTS PRESENT AT A LEVEL, WHICH COULD REQUIRE REPORTING OF RELEASE UNDER CERCLA.
INGREDIENTS - NONE
4. INGREDIENTS PRESENT AT A LEVEL THAT IS SUBJECT TO EMERGENCY PLANNING REQUIREMENTS OF THRESHOLD PLANNING QUANTITIES (TPQ'S) AND RELEASE REPORTING BASED ON REPORTABLE QUANTITIES (RQ'S) IN 40CFR355 (USED FOR SARA TITLE III SECTIONS 302, 304, 311, AND 312).
INGREDIENTS - NONE
5. INGREDIENTS LISTED IN CALIFORNIA PROPOSITION 65 AS CAUSING CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
INGREDIENTS - NONE
6. INGREDIENTS LISTED IN PENNSYLVANIA ON THE HAZARDOUS SUBSTANCE LIST.

<u>INGREDIENTS</u>	<u>CAS NUMBER</u>
ASPHALT	64742-93-4

SECTION 2: INGREDIENTS

INGREDIENTS:

ASPHALT

CAS #: 64742-93-4 %: 99-100 TWA: 5 MG/M3 * STEL:

*HOT ASPHALT FUMES MAY CONTAIN TRACE AMOUNTS OF HYDROGEN SULFIDE WHICH HAS A 10 PPM TWA AND A 20 PPM STEL

SARA TITLE III HAZARD CATEGORIES

HEALTH: ACUTE (IMMEDIATE) - YES
HEALTH: CHRONIC (DELAYED) - YES
SUDDEN RELEASE OF PRESSURE - NO

FIRE - NO
REACTIVE - NO

CARCINOGENICITY: PETROLEUM ASPHALT (8052-42-4) LISTED BY OSHA, NOT NTP OR IARC. IARC MONOGRAPHS INDICATE THERE IS SUFFICIENT EVIDENCE FOR CARCINOGENICITY IN ANIMALS FROM EXPOSURE TO EXTRACTS OF STEAM-REFINED BITUMENS, AIR-REFINED BITUMENS AND MIXTURES OF BOTH. DUE TO INADEQUATE EVIDENCE IN HUMANS, BUT ADEQUATE EVIDENCE IN ANIMALS, BITUMENS IS CONSIDERED BY OSHA AS IF IT PRESENTS A CARCINOGENIC RISK TO HUMANS. THERE IS INADEQUATE EVIDENCE THAT BITUMENS ALONE ARE CARCINOGENIC TO HUMANS.

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SECTION 3: PHYSICAL DATA

BOILING POINT: > 600 DEG F
VAPOR PRESSURE: N/A
VAPOR DENSITY: HEAVIER THAN AIR > than 1
SPECIFIC GRAVITY: 1.01 TO 1.02
PERCENT VOLATILE: NIL
EVAPORATION RATE: N/ A
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: DARK BROWN to BLACK, SOFT SOLID; ASPHALTIC ODOR

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: > 500 DEG F (C.O.C.)
EXTINGUISHING MEDIA: CO2, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS IN CONFINED OR ENCLOSED AREAS.
UNUSUAL FIRE AND EXPLOSION HAZARDS: WHEN THE MATERIAL IS HEATED ABOVE THE FLASH POINT, FLAMMABLE EXPLOSIVE VAPORS MAY EVOLVE.

SECTION 5: HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: EYE AND SKIN CONTACT, INHALATION

EFFECT OF OVEREXPOSURE:

EYES: FUMES FROM HOT MATERIAL MAY CAUSE IRRITATION. CONTACT WITH HOT MATERIAL CAUSES THERMAL BURNS.

SKIN: CONTACT WITH HOT MATERIAL CAUSES THERMAL BURNS. PROLONGED OR REPEATED CONTACT WITH COOL MATERIAL MAY CAUSE IRRITATION.

INHALATION: VAPORS MAY CAUSE IRRITATION TO RESPIRATORY TRACT.

CHRONIC EFFECTS OF OVEREXPOSURE: HYDROGEN SULFIDE (H2S), AN IRRITANT GAS AT 5 PPM AND ABOVE, IS RELEASED BY HOT MATERIAL IN VARYING AMOUNTS. H2S CAUSES SYSTEMATIC TOXICITY & RAPID DEATH DUE TO RESPIRATORY PARALYSIS FROM EXPOSURES EXCEEDING 500 PPM.

IMMEDIATELY DANGEROUS TO LIFE AND HEALTH (IDLH): NIOSH HAS DETERMINED THAT EXPOSURE TO ATMOSPHERES CONTAINING 100 PPM OR MORE H2S POSES AN IDLH THREAT.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: ANEMIA, IMPAIRED PULMONARY FUNCTION, RED BLOOD CELL ABNORMALITIES (ALL FROM H2S EXPOSURE)

FIRST AID:

EYES: FLUSH WITH CLEAR WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

SKIN: WASH AREA CONTACTED BY COLD MATERIAL WITH SOAP AND WATER. IF CONTACT IS WITH HOT MATERIAL, SUBMERGE IN COLD WATER OR ICE. DO NOT TRY TO REMOVE ASPHALT. COVER AREA WITH COLD WATER OR ICE UNTIL ADVISED BY A PHYSICIAN. GET MEDICAL ATTENTION IMMEDIATELY. ATTENTION IMMEDIATELY.

INHALATION: IF OVERCOME, REMOVE VICTIM TO FRESH AIR. IF BREATHING STOPS, BEGIN ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

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SECTION 6: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: WATER, NEAR EQUIPMENT AND MOLTEN ASPHALT, WILL EVOLVE STEAM, RESULTING IN FROTHING AND/OR SPATTERING OXIDIZING MATERIALS.

INCOMPATIBILITY: STRONG ACIF, ALKALIES, OXIDIZERS, WATER.

HAZARDOUS DECOMPOSITION PRODUCTS: CO AND / OR CO2

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 7: SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION. ALLOW MATERIAL TO COOL AND COLLECT WITH A SUITABLE TOOL (*HEATED IF NECESSARY*) FOR PROPER DISPOSAL.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: ORGANIC VAPOR MASK IF TLV IS EXCEEDED OR USED IN CONFINED AREA.

VENTILATION:

LOCAL: ADEQUATE TO KEEP EXPOSURE BELOW TLV

MECHANICAL: ACCEPTABLE

PROTECTIVE GLOVES: HEAT – RESISTANT GLOVES

EYE PROTECTION: SAFETY GLASSES OR GOGGLES WITH SIDE SHIELDS.

OTHER PROTECTIVE EQUIPMENT: FACE SHIELD (FOR SPLASHING)

SECTION 9: SPECIAL PRECAUTIONS

AVOID SPLASHING AND EXCESSIVE HEATING. DO NOT TAKE INTERNALLY, FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.