

MATERIAL SAFETY DATA SHEET

PERMA-PATCH®

MATERIAL INFORMATION BULLETIN

(Approved-“Essentially similar” to Form OSHA 20 and OSHA 174 Material Safety Data Sheet)

IDENTITY (As used on Label and List)

PERMA-PATCH

MANUFACTURER'S NAME

Perma-Patch, Inc.
6115 Oakleaf Ave.
Baltimore, Maryland 21215
Emergency Phone: Chemtrec 800-424-9300
Telephone for information: 410-764-7117
Date: 01/08

TYPICAL COMPOSITION

Petroleum Asphalt
with Petroleum
Distillate
Limestone
Additives

OSHA PEL

None
Established
15 mg/cu.m
Non-established by OSHA

ACGIH PEL

5 mg/cu.m
10 mg/cu.m

%

5
94
1

PHYSIOLOGICAL AND HEALTH EFFECTS

Expected to cause no more than minor
eye irritation.

Expected to produce no more than minor irritation,
but prolonged or frequently repeated skin contact
may be harmful. See additional health data.

Not expected to be acutely toxic by ingestion.
NOTE TO PHYSICIAN: This material contains
light hydrocarbon liquid and an aspiration
hazard may exist.

EMERGENCY AND FIRST AID PROCEDURES

EYES

Wash eye with fresh water for at least
15 minutes. If irritation continues, see
a doctor.

SKIN

Remove heavily contaminated clothing
and wash skin thoroughly with soap
and water. DO NOT use solvents or
thinners to remove materials from skin.
Asphalt can be removed with vegetable
oil or mineral oil.

INGESTION

If a large volume of this material is swallowed
give a large amount of water to drink, induce
vomiting and call a doctor.

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SPECIAL PROTECTIVE INFORMATION

Eye Protection: Avoid contact with eyes. Eye contact can be avoided by wearing chemical safety goggles.

Skin Protection: Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing impervious protective clothing including rubber gloves. If skin contact occurs, a washing facility should be available nearby.

Ventilation: Use adequate ventilation to keep the airborne concentrations of this material below the exposure standard.

ENVIRONMENTAL PROTECTION

Environmental Impact: This material is not expected to present an environmental problem.

Precautions if Material is Released or Spilled: Eliminate open flames in vicinity of spill or released vapor. Clean up spills as soon as possible, observing precautions in Special Protective Information and product label. Place spilled material in disposable containers. Hydrocarbon material such as kerosene or mineral oil can be used to dissolve any remaining material; and this material may be absorbed with clay or diatomaceous earth.

Water Disposal Methods: Place contaminated material in disposal containers and bury in approved dumping area.

Reactivity Data: Stability (Thermal, Light, etc.) Stable.

Petroleum Asphalt with Petroleum Distillate:

SPECIAL PRECAUTIONS

See page Three (3)

Incompatibility (Materials to Avoid): May react with strong oxidizing materials.

Hazardous Decomposition Products: Normal combustion forms carbon dioxide and water vapor, and may produce sulfur dioxide, incomplete combustion can produce carbon monoxide.

Hazardous Polymerization: Will not occur.

Solubility: Soluble in most halogenated hydrocarbons and benzene; insoluble in water and alcohols.

Appearance: (Color, Odor, etc): Oily smelling, black viscous liquid.

Initial Boiling Point: 270 F (Min)

Melting Point: N/A

Specific Gravity: 0.98 @ 15.6/15.6C

Vapor Pressure: 2 mm Hg @ 100 F

Vapor Density: (Air=1):NDA

Percent Volatile (Volume 96): 25 %

Evaporation:(=1): N/A

Viscosity: 250-500 cSt @

140 F

N/A=Not Available

NDA= No Data Available

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The information listed on the previous page is based on data of which we are aware and is believed to be correct as of date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. The information is furnished upon the condition that the person receiving it shall make his/her own determination of the suitability of the material for his/her particular purpose.

Additional Health Data

Sign and symptoms of ventral nervous system depression may include one or more of the following: headache, Dizziness, loss of appetite, weakness and loss of coordination. Affected persons usually experience complete Recovery when removed from the exposure area.

No association has been established between industrial exposure to petroleum asphalt and cancer in humans. Asphalts contain small amounts of polynuclear aromatic hydrocarbons (ONS's) which when concentrated, have been shown to cause skin cancer in mice after prolonged and frequent contact. Studies in which mice were exposed to a variety of whole asphalts did not result in any increased cancer rate. Brief or intermittent skin contact with this asphalt product is not expected to produce any serious effects. While normal handling of this product is not likely to cause cancer in humans, skin contact and breathing of mists, fumes or vapors should be reduced to a minimum. We strongly recommend that the precautions outlined in this bulletin be followed when handling this material.

SPECIAL PRECAUTIONS

READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL.