

Section I – Chemical Product and Company Identification

Product Name: PITTWRAP® jacketing

Manufacturer/Supplier:
Pittsburgh Corning Corporation
800 Presque Isle Drive
Pittsburgh, PA 15239

Information Number: 724-327-6100
CHEMTREC: 800/424-9300

Issue Date: September 14, 2001 revision 1

Generic Name: Modified Bitumen Membrane

Use: PITTWRAP® jacketing is a 125 mil thick heat sealable multiple laminate, modified bituminous membrane for protecting underground FOAMGLAS® insulation systems with outer surface temperatures below 190°F (88°C).

General Comments

General information and emergency information available 8:00 AM – 5:00 PM ET Monday through Friday.

CHEMTREC telephone number is to be used only in the event of chemical transportation emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to technical service.

NA = not applicable

NE = not established

UN = unavailable

SECTION 2 – HAZARDOUS INGREDIENTS

INGREDIENTS	%	ACGIH TLV	OSHA PEL	CAS#
Asphalt	80-95	0.5 mg/m ³ **	NE	8052-42-4
Heavy Parafinic Extract* (unprocessed naphthenic extract)	5-15	NE	NE	64742-04-7

*Identified as a carcinogen by IARC, Group 1

**As Fumes

SECTION 3 – PHYSICAL DATA

Boiling Point (°F.): N/A	Specific Gravity (H ₂ O = 1): 0.9964
Vapor Pressure (MM Hg): N/A	Percent Volatile By Volume (%): Nil
Vapor Density (Air = 1): N/A	pH: N/A

Solubility In Water:	Nil	Evaporation Rate (BuAC = 1):	N/A
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Appearance and Odor: Black bitumen compound with rose colored aluminum foil top film
Odor is asphaltic.

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: >600°F. Flammable Limits: LEL: N/E UEL: N/E

Flammability Classification: OSHA: IIIB DOT: Not regulated

Extinguishing Media: Foam CO₂ Alcohol Foam
 Dry Chemical Water Fog Other

Special Fire Fighting Procedures: Do not use water except as fog. Self-contained breathing apparatus with a full-face piece operated in pressure demand or other positive pressure mode is required for fire fighting personnel.

Unusual Fire and Explosion Hazards: None expected.

NFPA HAZARD Rating: Health: 1 Fire: 1 Reactivity: 1
Hazard scale: 4=extreme, 3=high 2=moderate, 1=slight, 0=minimal

SECTION 5 – HEALTH HAZARD INFORMATION

Symptoms/Effects of Overexposure

Acute: Excessive inhalation of fumes from hot compound can cause nausea and respiration irritation.

Chronic: Due to the aromatic and polynuclear aromatic compounds in this products, extended contact could theoretically cause cancer although specific data for this product has not been established. Skin contact, breathing of mists, fumes or vapors should be reduced to a minimum to avoid any ill effects.

First Aid:

Eyes: Flush with large amounts of water, lifting upper and lower lids occasionally. Seek medical attention.

Skin: Prolonged or repeated contact with the Unprocessed naphthenic oils in this product may produce serious toxic effects including skin cancer. Animal tests indicate that prolonged and repeated skin contact to the oils in this product may produce local skin tumors.

Repeated skin contact with Rubberized asphalt adhesive in this product may result in slight irritation. Prolonged or repeated skin contact with the Unprocessed naphthenic oils contained in the Rubberized asphalt in this product may, without washing, cause an increased risk of skin cancer, liver damage, blood effects and effects on the unborn based on tests with laboratory animals. Skin cleansing studies

with aromatic oils show that the toxic effects are not likely to occur in humans if good personal hygiene practices are used.

Skin: Should molten material strike the skin, flush area with cold water; do not forcibly remove material adhering to the skin. Thoroughly wash exposed area with mineral oil and then flush with water. Seek medical attention.

Ingestion: Due to the nature of the product, ingestion is unlikely. If ingested, do not induce vomiting. Call the poison center immediately. Seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: If excessive inhalation of fumes from hot compound occurs, remove individual to fresh air. Treat symptomatically and seek medical attention.

SECTION 6 – REACTIVITY DATA

Stability: Normally stable. Hazardous polymerization will not occur. Material is combustible and should be stored away from excessive heat and flames.

Incompatibility: Strong oxidizers like chlorine, pure oxygen or calcium hypochlorite.

Hazardous Decomposition Products: Will produce fumes, carbon monoxide and various other complex hydrocarbons during combustion.

SECTION 7 – SPILL OR LEAK PROCEDURES

Procedures: If spill is larger, dike and allow to cool and solidify. Shovel material into containers for disposal.

Waste Disposal Method: Dispose of material in accordance with federal, state and local regulations. Before attempting clean up, refer to hazardous information listed on this sheet.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory: None normally needed. If working with hot compound, use appropriate respiratory protection or ventilate area to maintain exposure below TLV.

Eyewear: None normally needed. If working with hot compound, safety glasses with side shields or chemical goggles should be worn.

Clothing/Gloves: Normal work clothing covering arms and legs.

Ventilation: None normally needed. If working with hot compound, ventilate area to maintain exposure below TLV.

SECTION 9 – SPECIAL PRECAUTIONS

Exercise suitable precautions to prevent thermal burns when handling hot compound. This compound is combustible. Avoid prolonged contact of compound with skin. This product is only warmed, not heated to a molten state in proper application.

SECTION 10 – TRANSPORTATION INFORMATION

DOT HAZARD CLASS: none
UN / NA NUMBER: NA

SECTION 11 – REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372: none

CALIFORNIA PROPOSITION 65 INFORMATION: Warning! This product contains substances known to the State of California to cause cancer, birth defects and other reproductive harm.

SECTION 12 – OTHER INFORMATION

ABBREVIATIONS:

ACGIH = American Conference of Governmental Industrial Hygienists
IARC = International Agency for Research on Cancer
NTP = National Toxicology Program

HMS = Hazardous Material Information System
NFPA = National Fire Protection Association
OSHS = Occupational Safety and Health Administration

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“THE DATA INCLUDED HEREIN ARE PRESENTED IN ACCORDANCE WITH VARIOUS ENVIRONMENT, HEALTH AND SAFETY REGULATIONS. IT IS THE RESPONSIBILITY OF A RECIPIENT OF THIS DATA TO REMAIN CURRENTLY INFORMED ON CHEMICAL HAZARD INFORMATION, TO DESIGN AND UPDATE ITS OWN PROGRAM AND TO COMPLY WITH ALL NATIONAL, FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS APPLICABLE TO SAFETY, OCCUPATIONAL HEALTH, RIGHT-TO-KNOW AND ENVIRONMENTAL PROTECTION.”

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