

SECTION 1 – IDENTIFICATION

Product Name: PITTWRAP® HS jacketing

Manufacturer/Supplier:

Pittsburgh Corning Corporation
800 Presque Isle Drive
Pittsburgh, PA 15239

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

Generic Name: Bitumen resin membrane

Use: PITTWRAP® HS jacketing is a heat sealable multiple laminate, modified bituminous membrane for protecting underground FOAMGLAS® insulation systems.

Chemical Family: Mixture

General Comments: General information is available at www.foamglas.com or by using the information number listed above. General inquiries are typically processed within two business days.

In event of chemical transportation emergencies involving a spill, leak, fire, exposure, or accident involving the chemical, contact Chemtrec at the number listed above.

SECTION 2 – HAZARD(S) IDENTIFICATION

HAZARD CLASSIFICATION: Potential Carcinogen
Potential Irritant



SIGNAL WORD: **DANGER**

HAZARD STATEMENT: May cause cancer.
Repeated or prolonged contact with skin may cause irritation.
Inhalation of heated vapors may cause irritation of nasal passages and throat.
Eye contact may cause irritation.

HAZARDOUS POLYMERIZATION: Will Not Occur

ROUTES OF EXPOSURE: Inhalation, Skin, Eyes and Ingestion

IMMEDIATE EFFECTS:

INHALATION: Due to the physical nature of this product, inhalation is unlikely. Heated vapors may cause irritation of nasal passages and throat.

SKIN CONTACT: Normally not irritating. If rash develops or irritation persists, seek.

EYE CONTACT: Due to the physical nature of this product, eye contact is unlikely. Direct contact can cause irritation. If eye contact is made and irritation develops, contact a physician.

INGESTION: Due to the physical nature of this product, ingestion is unlikely. If ingested, contact a physician. Wash hands before eating after using this product.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

ACUTE: Inhalation – exposure to heated vapors may cause respiratory, eye, or nose irritation.

CHRONIC: Inhalation – Long term exposure to concentrated heated vapors may reduce lung function and cause chronic bronchitis

Carcinogenicity – Components in this product are listed as a carcinogen by NTP, IARC, ACGIH or OSHA.

COMPONENT	CAS #
Aromatic Oil	64742-04-7

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	App. % by wt.	CAS #
Asphalt	80 - 95	8052-42-4
Aromatic Oil	5-15	64742-04-7
Petroleum Resins	<2	64742-16-1

SECTION 4 – FIRST AID MEASURES

GENERAL ADVICE: See below.

INHALATION: An unlikely route of entry if used properly. If symptoms develop remove to fresh air. Consult a physician immediately.

SKIN CONTACT: Normally not irritating. If rash develops or irritation persists, seek physician.

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Get immediate medical attention.

INGESTION: An unlikely route of entry. If swallowed, contact a physician immediately. Never give anything by mouth to an unconscious person. The decision to induce vomiting should only be made by a physician.

SECTION 5 – FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Foam, CO₂, Dry Chemical. If entering a confined area, use self-contained breathing apparatus.

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT:	Stable
SENSITIVITY TO STATIC DISCHARGE:	Stable

UNUSUAL FIRE AND EXPLOSION HAZARDS: None. This product is not considered flammable.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition may produce smoke, toxic fumes, Carbon Monoxide, Carbon dioxide, hydrocarbons, and Oxides of Nitrogen.

SPECIAL FIRE FIGHTING MEASURES: Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to vapors or products of combustion exist. Avoid breathing hazardous vapors or products of combustion, keep upwind. Isolate area and keep

unnecessary people away. Prevent run-off from fire, control or dilution from entering streams or drinking water supplies.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PRECAUTIONS FOR PERSONNEL: Ensure adequate ventilation. No special clothes are required, but do wear gloves. Promptly cleanse hands with waterless hand cleaner, clean fingernails and wash with soap and water after handling. Avoid contact with eyes, skin and clothing. Practice good personal hygiene to avoid ingestion. Wash thoroughly after handling and before eating or drinking. Use only with adequate ventilation. Wash clothing before reuse. Refer to recommendations in section 8.

ENVIRONMENTAL PRECAUTIONS: No special procedures normally needed. Avoid contact with strong oxidizers like chlorine, pure oxygen or calcium hypochlorite.

PROCESS FOR CLEANING: Scrape up material with non-sparking tools and place in a container fitted with a lid.

REGULATORY REQUIREMENTS: Follow applicable OSHA regulations (29 CFR 1910.120).

SECTION 7 – HANDLING AND STORAGE

HANDLING: Avoid direct contact with product. General ventilation is recommended.

STORAGE: Store under dry warehouse conditions away from heat and all ignition sources.

SECTION 8 – EXPOSURE RESTRICTIONS AND PERSONAL PROTECTION

EXPOSURE LIMITS

Ingredient	App. % by wt.	TLV	NIOSH REL TWA	PEL	CAS #
Asphalt	80 -95	0.5 mg/m ^{3*}	0.5 mg/m ³	NE	8052-42-4
Aromatic Oil	5-15	0.2 mg/m ^{3*}	0.2 mg/m ³	0.2 mg/m ³	64742-04-7
Petroleum Resins	<2	UN	5 mg/m ³	UN	64742-16-1

*as fumes

EXPOSURE GUIDELINES: See above.

ENGINEERING CONTROLS: Normally not needed. If heating product use local exhaust when the general ventilation is not sufficient to keep the airborne contaminant concentration below the exposure limit shown above.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: Wear safety glasses or goggles to avoid eye contact.

SKIN PROTECTION: Wear oil impervious gloves to minimize contact with skin. Wear normal protective work clothing with long sleeved shirt.

RESPIRATORY PROTECTION: Not required under normal conditions of use. Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated above. Follow manufacturer's directions for respirator use.

ENVIRONMENTAL EXPOSURE CONTROL: No specific controls are needed.

WORK/HYGIENIC PRACTICES: Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

SECTION 9 – PHYSICAL PROPERTIES

Appearance:	Black bitumen compound with clear top film.	Flash Point : °C (°F) TCC	>316(600)
Odor:	asphaltic	Ignition Temperature: °C (°F)	UN
Odor Threshold:	UN	Evaporation Rate (BuAC=1)	NA
pH	NA	Flammability:	Combustible
Melting Point/Freezing Point: °C (°F)	UN	Flammable Limits: LEL	NA
		UEL	NA
Boiling Point: °C (°F)	UN	Vapor Pressure: (MM Hg): pH:	NA
Solubility in Water:	Insoluble	Vapor Density: (Air = 1)	NA
Partition Coefficient: n-octanol/water:	NE	Specific Gravity: (H ₂ O = 1):	1.0
Decomposition Temperature	NE	Density: kg/l (lbs./gal) (Calculated)	1.0 (8.35)
Viscosity	NA	Evaporation Rate: (BuAC=1)	NA
VOC: g/l (lbs./gal)	0.0 (0.0)	Percent Volatile By Volume: (%)	Negligible

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY: Can react with strong oxidizers. Material is combustible and should be stored away from excessive heat and flames.

STABILITY: Stable

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous reaction will not occur

CONDITIONS TO AVOID: Open Flame.

MATERIALS TO AVOID: Strong oxidizers like chlorine, pure oxygen or calcium hypochlorite

DECOMPOSITION PRODUCTS: Will produce fumes, carbon monoxide, carbon dioxide and oxides of nitrogen and various other complex hydrocarbons during combustion.

SECTION 11 – TOXICOLOGICAL INFORMATION

CAS #	INGREDIENT	DERMAL LD50	INHALATION LD50	ORAL LD50
8052-42-4	Asphalt	NE	NE	NE
64742-04-7	Aromatic Oil	NE	NE	NE
64742-16-1	Petroleum Resins	> 5000 mg/kg (Rat)	> 4000 mg/kg (Rat)	> 5000 mg/kg (Rat)

CAS #	INGREDIENT	CARCINOGENICITY		TERATOGENICITY	MUTAGENICITY
		ACGIH	IARC		
8052-42-4	Asphalt	NE	NE	NE	NE
64742-04-7	Aromatic Oil	NE	YES	NE	NE
64742-16-1	Petroleum Resins	NE	NE	NE	NE

SECTION 12 – ECOLOGICAL INFORMATION

BIODEGRADATION: No information is available.
 BIOACCUMULATION: No information is available.
 AQUATIC TOXICITY: No information is available.
 OTHER INFORMATION: None

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be made in accordance with Federal, State and Local regulations. Before attempting clean up, refer to hazardous information listed on this sheet. Waste of this product is not defined as hazardous according to U.S. EPA (40 CFR § 261.3) Incinerate at EPA (Environmental Protection Agency) approved facility or dispose of waste in compliance with state and local regulations.

SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION: None
 DOT SHIPPING CLASS: Not regulated.
 TDG: Not regulated.
 PIN: Not available

SECTION 15 – REGULATORY INFORMATION

**Rotterdam Convention (PIC) Annex III: NA
 US Regulatory Information**

OSHA 29 CFR 1910-1200: Irritant
 TSCA: All components of this product are listed on TSCA Inventory
 SARA Title III:

SARA SECTION 302: None
 SARA SECTION 304: None
 SARA (311,312) HAZARD CLASS: None
 SARA (313) CHEMICALS: None

CERCLA: NA
 RCRA: Refer to section 13
 CPSC CLASSIFICATION: NA

HMIS:	FLAMMABILITY:	1	REACTIVITY:	0	HEALTH:	1
NFPA:	FLAMMABILITY:	1	REACTIVITY:	0	HEALTH:	1

WHMIS CLASSIFICATION: D2B

CALIFORNIA PROPOSITION 65:

- A. This product contains a chemical known to the State of CA to cause birth defects or other reproductive harm.
- B. This product contains a chemical known to the State of CA to cause cancer.
- C. This product contains a chemical known to the State of CA to cause cancer and birth defects or other reproductive harm.

SECTION 16 – OTHER INFORMATION

Prepared in accordance with 29 CFR 1910.1200

This Product has been classified in accordance with the hazard criteria of the Controlled Products

NA = not applicable
NEGL = Negligible

NE = not established
PROP. = Proprietary

UN = unavailable

CL = Ceiling Limit

“THE DATA INCLUDED HEREIN ARE PRESENTED IN ACCORDANCE WITH THE 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 INFORMATION 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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