

PITWRAP® SS jacketing
Material Safety Data Sheet

February 5, 2008

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PITWRAP® 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 tape

Use: PITWRAP® SS jacketing is a self-sealing membrane for protecting underground FOAMGLAS® insulation systems.

General Comments: General information and emergency information available 8:00 AM – 5:00 PM 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.

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	App. % by wt.	CAS #
Asphalt	45 -55	8052-42-4
Aromatic Oil	5-15	64742-04-7
Carbon Black	10-25	1333-86-4
Petroleum Resins	<2	64742-16-1

SECTION 3 – HAZARDOUS IDENTIFICATION

HAZARDOUS POLYMERIZATION: Will Not Occur

ROUTES OF EXPOSURE: Inhalation, Skin, Eyes and Ingestion.

IMMEDIATE EFFECTS:

INHALATION: Due to the nature of the product, there is no inhalation hazard. Heated vapors may cause irritation of nasal passages and throat.

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

EYE CONTACT: If eye contact is made and irritation develops, contact physician.

INGESTION: Due to nature of product ingestion is not likely. If ingested, see physician.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

ACUTE: Inhalation – exposure during hot process may cause respiratory, eye, or nose irritation.

CHRONIC: Inhalation – Long term exposure to concentrated hot processing fumes may reduce lung function and cause chronic bronchitis

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SECTION 4 – FIRST AID MEASURES

GENERAL ADVICE:

INHALATION: Due to the nature of the product, there is no inhalation hazard. Heated vapors may cause irritation of nasal passages and throat. If a person breathes large amounts of heated product vapors, move the exposed person to fresh air at once. If breathing difficult, GET MEDICAL ATTENTION.

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

EYE CONTACT: Remove contact lenses. Flush eyes with large amounts of water, preferably lukewarm water, for at least 15 minutes. If irritation persists, GET MEDICAL ATTENTION.

INGESTION: Due to nature of product ingestion is not likely. If ingested, see physician.

SECTION 5 – FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Foam, Carbon Dioxide or dry chemical. If entering a confined area, use self-contained breathing apparatus if applicable

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: Stable.

SENSITIVITY TO STATIC DISCHARGE: Stable.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PRECAUTIONS FOR PERSONNEL: No special clothes are required, but do wear gloves.

ENVIRONMENTAL PRECAUTIONS: No special procedures normally needed.

PROCESS FOR CLEANING: Absorb with inert material. Remove sources of ignition. Scoop material with non-sparking tools.

SECTION 7 – HANDLING AND STORAGE

HANDLING: Avoid direct contact with product. No special ventilation required.

STORAGE: Store away from ignition sources and open flames.

SECTION 8 – EXPOSURE RESTRICTIONS AND PERSONAL PROTECTION

Ingredient	App. % by wt.	EXPOSURE LIMITS			CAS #
		TLV	NIOSH REL TWA	PEL	
Asphalt	45 -55	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
Carbon Black	10-25	3.5 mg/m ^{3*}	2.4 mg/m ³	3.5 mg/m ³	1333-86-4
Petroleum Resins	<2	UN	5 mg/m ³	UN	64742-16-1

* As Fumes

ADDITIONAL ADVICE: No special clothes are required, but do wear gloves.

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SECTION 9 – PHYSICAL PROPERTIES

Freezing Point: °C (°F)	NA	Flash Point : °C (°F) TCC	>316(600)
Boiling Point: °C (°F)	NA	Ignition Temperature: °C (°F)	
Vapor Pressure (MM Hg):	NA	Flammable Limits: LEL	NA
		UEL	NA
Vapor Density (Air = 1)	NA	Specific Gravity (H ₂ O = 1):	1.0
Solubility in Water:	Insoluble	Percent Volatile By Volume (%)	Nil
Appearance and Odor:	Black bitumen compound with rose colored top film. Odor is asphaltic.	pH:	NA
		Evaporation Rate (BuAC=1)	NA

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID:	Open Flame.
MATERIALS TO AVOID:	None known
DECOMPOSITION PRODUCTS:	Carbon Monoxide, Carbon Dioxide and Oxides of Nitrogen.
EYES:	Remove contact lenses. Flush eyes with large amounts of water, preferably lukewarm water, for at least 15 minutes. If irritation persists, GET MEDICAL ATTENTION.
SKIN:	If solid product gets on the skin, wash the contaminated skin with soap and water. If irritation develops or persists after the area has been washed, GET MEDICAL ATTENTION. Should molten material strike the skin, flush with cold water. Thoroughly wash exposed area with mineral oil and flush with water. GET MEDICAL ATTENTION.
INHALATION:	If a person breathes large amounts of heated product vapors, move the exposed person to fresh air at once. If breathing difficult, GET MEDICAL ATTENTION.
CONSUMPTION:	If swallowed, call physician immediately. Only induce vomiting at the instructions of a physician. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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
1333-86-4	Carbon Black	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
1333-86-4	Carbon Black	NE	NE	NE	NE
64742-16-1	Petroleum Resins	NE	NE	NE	NE

