

PITWRAP® IW50 jacketing

Material Safety Data Sheet

September 25, 2008

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PITWRAP® IW50 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® IW50 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 aluminum foil 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.

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

SECTION 12 – ECOLOGICAL INFORMATION

VOLATILE ORGANIC COMPOUNDS: 0 Grams Per Liter (g/l). 0 Pounds Per Gallon (lb/g).

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be made in accordance with Federal, State and Local regulations.

SECTION 14 – TRANSPORT INFORMATION

SHIPPING CLASS: Not Regulated

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SECTION 15 – REGULATORY INFORMATION

SARA SECTION 302:

SARA (311,312) HAZARD CLASS:

SARA (313) CHEMICALS: NONE

CERCLA: NA

CPSC CLASSIFICATION:

HMIS: FLAMMABILITY: 0 REACTIVITY: 0 HEALTH: 1

NFPA: FLAMMABILITY: 0 REACTIVITY: 0 HEALTH: 1

WHMIS CLASSIFICATION: CLASS D Division 2B CLASS B Division 2

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

NA = not applicable

NE = not established

UN = unavailable

CL = Ceiling Limit

NEGL = Negligible

PROP. = Proprietary

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