

PITTWRAP® CW30 JACKETING
Material Safety Data Sheet

October 13, 2009

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PITTWRAP® CW30 jacketing

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

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

Generic Name: Bitumen resin tape

Use: PITTWRAP® CW30 jacketing is a self-sealing non-metallic membrane for protecting above ground 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 #
Petroleum Asphalt	50 - 100	8052-42-4
Heavy paraffinic distillate solvent extract	10-25	64742-04-7
Styrene-Butadiene block copolymer	10-25	9003-55-8

SECTION 3 – HAZARDOUS IDENTIFICATION

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. If heated, inhalation of vapor causes irritation, sore throat, coughing and breathing difficulty. Effects include: Nausea, headache, dizziness and irritation.

SKIN CONTACT: Skin contact causes irritation. Skin contact causes irritation. Prolonged skin contact can result in dermatitis. Contact with petroleum oils in this product, may produce serious toxic effects including skin cancer, liver damage, blood effects and effects on the unborn based on tests with laboratory animals. Animal tests indicate that prolonged and repeated skin contact to the oils in this product may produce local skin tumors.

Individuals with pre-existing skin disorders may be at increased risk for worsening their condition from exposure to this product.

SKIN ABSORPTION: Product can be absorbed through the skin upon prolonged contact resulting in systemic effects such as nausea, headache, and general discomfort.

EYE CONTACT: Eye contact with rubberized asphalt residue on hands can cause irritation.

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INGESTION: Due to the physical nature of this product, ingestion is unlikely. If ingested, causes burns to the linings of the mouth, esophagus and stomach. Effects include: Nausea, vomiting and diarrhea. Wash hands before eating.

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

This product contains aromatic oils. Aromatic oils contain high concentrations of Polycyclic aromatic compounds, some of which have been shown to cause skin cancer in humans under conditions of poor personal hygiene and prolonged, repeated contact. Certain components of these compounds have also produced harmful effects in laboratory animals after absorption through the skin. Although these effects have been principally to the liver and blood forming organs, the unborn young of these animals may also be affected. The animal experiments also showed that these effects can be prevented by thorough removal of the oil from the skin. Skin cleansing studies with aromatic oils show that the toxic effects are not likely to occur in humans if good personal hygiene practices are use.

SECTION 4 – FIRST AID MEASURES

GENERAL ADVICE:

INHALATION: If symptoms develop, get fresh air. If symptoms persist, consult a physician. If breathing has stopped, give artificial respiration then oxygen if needed. Get immediate medical attention.

SKIN CONTACT: In case of skin contact, clean fingernails and wash skin with soap and water. If residue remains, clean with waterless hand-cream or abrasive soap. Never use solvents. If discomfort or irritation persists, consult a physician. Remove contaminated clothing and wash before reuse.

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

INGESTION: 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, Carbon Dioxide or dry chemical. Do not use water except as fog.

SPECIAL FIRE FIGHTING PROCEDURES: 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.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None unless noted below. Removal of release paper may create a static electric discharge (sparks). Do not remove where sparks may ignite flammable vapors.

EXPLOSION DATA:

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

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

PRECAUTIONS FOR PERSONNEL: 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. Use only with adequate ventilation. Wash clothing before reuse.

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

PROCESS FOR CLEANING: Shovel material into containers for disposal.

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	
Petroleum Asphalt	50 - 100	0.5 mg/m ^{3**}	0.5 mg/m ^{3**}	0.5 mg/m ^{3**}	8052-42-4
Heavy paraffinic distillate solvent extract*	10-55	0.2 mg/m ^{3**}	0.2 mg/m ^{3**}	0.2 mg/m ^{3**}	64742-04-7
Styrene-Butadiene block copolymer	10-25	NE	NE	NE	9003-55-8

*Identified as a carcinogen by IARC

** As Fumes

ADDITIONAL ADVICE: No special clothes are required, but do wear oil impervious gloves to avoid prolonged or repeated contact with rubberized asphalt residue.

SECTION 9 – PHYSICAL PROPERTIES

Freezing Point: °C (°F)	NA	Flash Point : °C (°F) TCC	>210(410)
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 - 1.1
Solubility in Water:	Insoluble	Percent Volatile By Volume (%)	Nil
Appearance and Odor:	A black, rubberized asphalt adhesive layer on a grey/black plastic sheet with a paper or plastic release sheet. Petroleum odor	pH:	NA
		Evaporation Rate (BuAC=1)	NA

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SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable - Material is combustible and should be stored away from excessive heat and flames.

CONDITIONS TO AVOID: Open Flame.

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

DECOMPOSITION PRODUCTS: Will produce fumes, carbon monoxide, sulfur oxides, 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	Heavy paraffinic distillate solvent extract*	NE	NE	NE
9003-55-8	Styrene-Butadiene block copolymer	> 5000 mg/kg (Rat)	> 4000 mg/kg (Rat)	> 5000 mg/kg (Rat)

CAS #	INGREDIENT	CARCINOGENICITY		TERATOGENICITY	MUTAGENICITY
		ACGIH	IARC		
8052-42-4	Asphalt	NE	YES (Group 2)	NE	NE
64742-04-7	Heavy paraffinic distillate solvent extract*	NE	YES (Group 1)	NE	NE
9003-55-8	Styrene-Butadiene block copolymer	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. 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)

SECTION 14 – TRANSPORT INFORMATION

SHIPPING CLASS: Not Regulated

