

Material Safety Data Sheet

Section I – Chemical Product and Company Identification

Product Name: PITTWRAP® CW30 Jacketing/Membrane

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

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

Generic Name: Modified Bitumen Membrane

CAS Number: N. AP. CAS Name: N. AP.

HMIS Codes: Health: 2 Fire: 1 Reactivity: 0 Personal Protective Equipment: B
 NFPA Rating: Health: 1 Fire: 1 Reactivity: 0

WHMIS CLASSIFICATION: CLASS D Division 2B

Proper DOT Shipping Name: Asphalt Mixture N.O.I.B.N.

DOT Hazardous Classification: Nonhazardous

Use: PITTWRAP® CW30 jacketing is a self-sealing non-metalic 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.

NA = not applicable

NE = not established

UN = unavailable

Section II - Hazardous Ingredients

EXPOSURE LIMITS

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

*Identified as a carcinogen by IRAC

** As Fumes

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SECTION III- PHYSICAL DATA

Boiling Point (°F.):	NA	Specific Gravity (H ₂ O = 1):	1.0 – 1.1
Vapor Pressure (MM Hg):	NA	Percent Volatile By Volume (%):	Nil
Vapor Density (Air = 1)	NA	pH:	NA
Solubility in Water:	Nil	Evaporation Rate (BuAC=1)	NA
Appearance and Odor: A black, rubberized asphalt adhesive layer on a grey/black plastic sheet with a paper or plastic release sheet. Petroleum odor		Bulk Density (#/cu. ft.): ~ 70	

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point: >410°F (>210°C) Open Cup Flammable Limits: LEL: UN UEL: UN

Flammability Classification: UN 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 full-face piece operated in pressure demand or other positive pressure mode is required for fire fighting personnel.

Unusual Fire and Explosion Hazards: Removal of the release liner may generate a static electrical discharge (spark). Do not remove release liner where spark may ignite flammable vapors.

SECTION V – 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, sulfur oxides, and various other complex hydrocarbons during combustion.

SECTION VI – HEALTH DATA

SYMPTOMS/EFFECTS OF OVEREXPOSURE:

Eye Contact: Eye contact with rubberized asphalt residue on hands can cause irritation

Skin Contact: Skin contact causes irritation. Prolonged skin contact can result in dermatitis. Contact with petroleum oils in this product, may produce

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

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.

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.

FIRST AID

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

SKIN: 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.

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.

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.

SECTION VII – SPILL OR LEAK PROCEDURES

PROCEDURES: 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. Waste of this product is not defined as hazardous according to U.S. EPA (40 CFR § 261.3)

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY: Respiratory protection is not generally required. If exposure limits are exceeded, wear respiratory protection.

EYEWEAR: None normally needed.

CLOTHING/GLOVES: In order to avoid prolonged or repeated contact with oil residue, use of oil impervious gloves is recommended.

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VENTILATION: None normally needed. Uses mechanical ventilation if necessary to maintain exposure below TLV.

SECTION IX – SPECIAL PRECAUTIONS

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 used.

Section X - Regulatory Information

SARA Title III:

Section 313 Emergency Planning and Community Right-to-Know Act of 1986, 40 CFR 372: This product contains the following toxic chemicals subject to the reporting requirements of section 313:

<u>CAS#</u>	<u>Chemical Name</u>	<u>% by Weight</u>
	NA	

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