



MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Name Nu-Calgon Wholesaler, Inc.	Phone Number (314) 469-7000 / (800) 554-5499	CHEMTREC (800) 424-9300		
Street Address 2008 Altom Court	City St. Louis	State MO	Postal Code 63146-4151	Last Update 1/4/10
Product Name Perma-Wrap	Product Number 4218	Product Use Insulating pipes and fittings.		EPA Registration # N/A

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	% By Wt.	CAS Number	TLV	PEL
This product doesn't qualify as a hazardous material as defined by OSHA(29CFR 1910.1200)				
When dusting results from sanding, cutting, ect., the OSHA/ACGIH nuisance dusts exposure limits should be followed. The OSHA-PEL/TWA for nuisance dusts is 15mg/m3 respirable dust. The ACGIH TLV/TWA for nuisance dusts is 10mg/m3 total dust.				

SECTION 3 – HAZARD IDENTIFICATION

Emergency Overview: This product is a black expanded rubber. As supplied, this product is not expected to cause any adverse health or physical effects when used in accordance with good industrial and safety practices. It does not present any unusual fire hazard. There are no spill containment concerns.

Potential Health Effects

Eyes: May cause irritate or scratch the eye if the material comes into direct contact.

Skin: Contact may aggravate an existing dermatitis condition. Effects may intensify on cracked or abraded skin. May cause allergic reactions or sensitization in susceptible individuals.

Ingestion: Not expected to be a hazard in normal industrial use.

Inhalation: Contains no volatile components. Inhalation is not a hazard in normal use.

Chronic Exposure: No Data.

Carcinogenicity: No Data.

Medical Conditions Aggravated by Exposure: No Data.

SECTION 4 – FIRST AID MEASURES

Eyes: Treat as any foreign particle. Flush eyes with running water for several minutes until all of the material is removed. Seek medical attention if irritation persists.

Skin: Wash thoroughly with soap and water if any signs of irritation appear. Individuals who show symptoms of an allergic reaction or sensitization should seek medical attention and should avoid further contact with this product.

Ingestion: N/A.

Inhalation: N/A.

SECTION 5 – FIREFIGHTING MEASURES

Flash Point: 350°F

Autoignition Temp: No Data.°C/No Data.°F

Hazardous Products of Combustion: No Data.

Flammable Limits in Air: No Data.

Extinguishing Media: Water fog, foam, carbon dioxide, dry chemical.

Fire and Explosion Hazards: This material is not considered flammable or combustible, but will burn if inclosed in a fire. It may release dangerous combustion products including compounds of carbon, hydrogen, nitrogen and oxygen including carbon monoxide.

Special Firefighting Procedures: Wear full bunker gear including a positive pressure self-contained breathing apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak: Recover material and place into suitable container. Dispose of in accordance with federal, state, and local regulations.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment: No special handling is required.

Storage Requirements: No Data.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: No Data.

Eye Protection: The use of safety glasses is not required; however, it is a good industrial practice.

Protective Clothing: No Data.

Exposure Guidelines: There is no known health hazards when this material is used as recommended. Wash hands after use and before eating or drinking.

Specific Engineering Controls (such as ventilation, enclosed process): None needed.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Expanded rubber.	Freezing Point: No Data.°C/No Data.°F	% Volatile by Weight: <1%
Color: Black	Vapor Density [air =1]: No Data.	Evaporation Rate: No Data.
Odor: None.	Vapor Pressure: <0.01 mm Hg @ 25°C	Specific Gravity: 0.05-.32
Boiling Point: N/A°C/N/A°F	Solubility in Water: Negligible	pH (concentrate): N/A

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: This product is stable and hazardous decomposition will not occur.

Hazardous Polymerization: No Data.

Incompatibilities: Strong oxidizing agents.

Reactive Conditions to avoid: Lewis acids.

Decomposition Products: None identified.

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS #	EINECS #	LD 50 of Ingredient (Specify Species)	LC50 of Ingredient (Specify Species)
No human or animal toxicology studies have been done on this compound. No acute or chronic hazards are known. As a solid material with no volatile ingredients, routes of exposure are limited. Irritation or possible sensitization from prolonged skin contact are potential concerns. No sensitization has been reported, but may occur in susceptible individuals.				

SECTION 12 – ECOLOGICAL INFORMATION

Hazardous Ingredients	Aquatic Toxicity Data
This compound contains no volatile ingredients and is not soluble in water and, is not expected to present any threat to air or water quality in normal use. See Section 13 for disposal concerns for damaged or unwanted material.	

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: Refer to federal, state, and local regulations regarding the proper disposal of this material.

SECTION 14 – TRANSPORTATION INFORMATION

Special Shipping Information: This material is not classified as hazardous by DOT regulations.

<u>Purview</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT (Land)	No Data.	No Data.	No Data.	No Data.
IMO (Water)	No Data.	No Data.	No Data.	No Data.
ICAO (Air)	No Data.	No Data.	No Data.	No Data.

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: (Workplace Hazardous Material Information System)	Not regulated by WHMIS.
SARA Title III: (Superfund Amendments & Reauthorization Act)	Section 311/312: None Section 313: Zinc oxide - 0.7-2.1% by weight.
OSHA: (Occupational Safety & Health Administration)	Not classified as a hazardous material.
TSCA: (Toxic Substance Control Act)	All ingredients of this material are listed on the inventory or are exempt from listing.
VOC: (volatile Organic Compounds)	No Data.
CPR: (Canadian Controlled Products Regulations)	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations.
EINECS: (European Inventory of Existing Commercial Chemical Substances)	No Data.
DSL / NDSL: (Canadian Domestic Substance List)(Non-Domestic Substance List)	No Data.
CERCLA: (Comprehensive Response Compensation & Liability Act)	None.
IDL: (Canadian Ingredient Disclosure List)	No Data.
NFPA (HMIS) Rating: (Hazardous Materials Identification System)	No Data.

SECTION 16 – OTHER INFORMATION

No Data.

The information contained herein is based on the data available to us and is believed to be correct. However, Nu-Calgon Wholesaler Inc. makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Nu-Calgon Wholesaler Inc. assumes no liability for injury from the use of the product described herein.