SAFETY DATA SHEET

Section 1 – Product And Company Identification

PRODUCT

PRODUCT NAME: **9175/9176 PETROWRAP OVERWRAP TAPE**
PRODUCT DESCRIPTION: Adhesive tape
PRODUCT USE: A thick tough adhesive tape designed as added protection for the Petrowrap.

MANUFACTURER INFORMATION

INNOVATIVE MANUFACTURING INC
861 DERWENT WAY
DELTA, BC, CANADA, V3M 5R4
(604) 522-2811

EMERGENCY INFORMATION

INNOVATIVE MANUFACTURING CONTACT: 1-800-667-8246
24-HOUR EMERGENCY AND SDS HELP: CANUTEC: 613-966-6666

Section 2 – Hazards Identification

GHS Hazard Classification

Reproductive toxicity	Category 1B
Specific target organ toxicity (repeat exposure)	Category 1

Signal word Danger

Hazard Statement:
H360 May damage fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure (nervous system, sensory organs.

Precautionary Statements:

Prevention
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P270 Do no eat, drink or smoke when using this product.
P281 Use personal protective equipment as required.

Response
P314 Get medical advice/attention if you feel unwell.
P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage
P405 Store locked up.

Disposal P501 Dispose of contents/container: Follow the waste disposal requirements of your country, state, or local authorities.

Other hazards None known.

Unknown acute toxicity
9% of the mixture consists of ingredients of unknown acute oral toxicity.
8% of the mixture consists of ingredients of unknown inhalation toxicity.

Section 3 – Composition/Information on Ingredients

COMPONENTS	CAS No.	% BY WEIGHT
Poly(vinyl chloride)	9002-86-2	80-100
Rubber adhesive	Trade secrete	5-10
Toluene	108-88-3	1-2

Section 4 – First Aid Measures

Description of First Aid Measures

Eye Contact	No need for first aid is anticipated.
Skin Contact	Wash with soap and water. If signs/symptoms develop, get medical attention.
Inhalation	Remove victim to fresh air. If you fell unwell, get medical attention.
Ingestion	Rinse mouth. If you feel unwell, get medical attention.

Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

Indication of any immediate medical attention and special treatment needed

Not applicable.

Section 5 – Fire Fighting Measures

Extinguishing media

Suitable extinguishing media	In case of fire: Use a fire agent suitable for ordinary combustible material such as water or foam to extinguish.
Unsuitable extinguishing media	None known.

Special hazards arising from the substance or mixture

None inherent in this product. The hazardous combustible products are carbon dioxide, carbon monoxide.

Advice for firefighters No special protective actions for fire-fighters are anticipated.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Evacuate area. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice.

Environmental precautions Avoid release to the environment.

Methods and materials for containment and cleaning up

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible.

Section 7 – Handling and Storage

Precautions for safe handling

For industrial or professional use only. Do not handle until all safety precautions have been read and understood. Do not breath dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Use personal protective equipment (gloves, respirators, etc.) as required.

Conditions for safe storage, including any incompatibilities

No special storage requirements.

Section 8 – Exposure Controls / Personal Protection

Control Parameters

Exposure Guidelines

Components	ACGIH TLV	OSHA PEL	NIOSH REL
Poly (vinyl chloride)	TWA:10mg/m³(inhalable particulates)		
9002-86-2	TWA: 10mg/m³ (respirable fraction)		
Toluene	TWA: 20 ppm	CMRG	
108-88-3		STEL: 75ppm	

Appropriate engineering control

Engineering Controls Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: safety glasses with side shields.

Skin/Body Protection Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended:

Respiratory Protection An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:
Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and

Section 9 – Physical and Chemical Properties

	PRODUCT CRITERIA
APPEARANCE - COLOR	Black
PHYSICAL STATE	Solid, roll of Tape
ODOR	No data available
ODOR THRESHOLD	No data available
PH	No data available
MELTING POINT/FREEZING POINT	No data available
INITIAL BOILING POINT AND BOILING RANGE	No data available
FLASH POINT	No flash point
EVAPORATION RATE	No data available
FLAMMABILITY (solid, gas)	Not classified
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	No data available
VAPOR PRESSURE	No data available
VAPOR DENSITY (AIR=1)	No data available
RELATIVE DENSITY (@25°C)	No data available
SOLUBILITY(IES)	No data available
OXIDIZING PROPERTIES	No data available
PARTITION COEFFICIENT: n-octanol/water	No data available
AUTO IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
VISCOSITY	No data available

Section 10 – Stability and Reactivity

Reactivity: This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

Chemical Stability: Stable

Possibility of Hazardous Reactions: Hazardous polymerization does not occur.

Conditions to Avoid: Not determined.

Incompatibility (Materials to Avoid): Not determined.

Hazardous Decomposition Products: None known.

Section 11 – Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 (Oral/Rat)	-		Overall product
	LC50 (Inhalation/Rat male)	>50mg/m³		
	LD50 (Dermal/Rabbit)	>5000mg/kg		
	LD50 (Oral/Rat)	>5000mg/kg		Poly (vinyl chloride)
	LC50 (Inhalation/Rat male)	-		
	LD50 (Dermal/Rabbit)	>5000mg/kg		
	LD50 (Oral/Rat)	>5500mg/kg		Toluene
	LC50 (Inhalation/Rat male)	LC 50 30mg/l		
	LD50 (Dermal/Rabbit)	>12000mg/kg		
Skin Corrosion/Irritation	Toluene may cause skin irritation			
Serious Eye Damage / Eye Irritation	Toluene may cause moderate eyes irritation			
Respiratory or Skin Sensitization	No data available			
Germ Cell Mutagenicity	Not classified			
Carcinogenicity	NTP	-		
	IARC*	-		
	OSHA	-		
	CA Prop 65	-		
Reproductive Toxicity	Data are not sufficient for classification			
STOT - Single Exposure	May cause drowsiness or dizziness			
STOT - Repeated Exposure	Causes damage to organs through prolonged or repeated exposure.			
Aspiration Hazard	Aspiration hazard			

Section 12 – Ecological Information

ECOTOXICITY Not expected to be toxic to aquatic organisms.

ECOTOXICITY DATA

Ecotoxicity	**Chemical Name**	
Toxicity to algae	EC50 / 96 h or 72 h	-
	NOEC / 96 h or 72 h	-
	M factor	-
Toxicity to fish	LC50 / 96 h	
	NOEC / 21 days	-
	M factor	-
Toxicity to Daphnia	LC 50 / 96 h	-
	NOEC / 21 days	-
	M factor	-

Persistence and degradability Not available. Analysis for ecological effects has not been conducted on this product.

Bioaccumulative potential

Product/Ingredient Name	**Log P_{ow}**	**BCF**	**Potential**

Not available. Analysis for ecological effects has not been conducted on this product.

Mobility in soil No information is available

PBT and vPvB assessment No information is available

Other adverse effects Not known

Section 13 – Disposal Considerations

Waste from residues/unused products: Follow the waste disposal requirements of your country, state, or local authorities.

Contaminated packaging: Contaminated packaging material should be disposed of as stated above for residues and unused product.

Disposal instructions Disposal of waste material must be conducted in accordance with RCRA and all applicable regulations. Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator.

Section 14 – Transportation Information

DOT Not Regulated as a hazardous material for transport

TDG Not Regulated as a hazardous material for transport

IATA Not Regulated as a hazardous material for transport

IMDG Not Regulated as a hazardous material for transport

Section 15 – Regulatory Information

Safety, Health and Environmental Regulations/Legislations Specific for the Chemical

Canada

WHMIS Classification: This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

Section 16 – Other Information

HMIS Rating:		**NFPA Rating:**	
Health	1	Health	1
Flammability	0	Flammability	0
Physical Hazard	0	Instability	0
Personal Protection	x	Special	-

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