

SAFETY DATA SHEET

Section 1 – Product And Company Identification

PRODUCT

PRODUCT NAME: 9161 (100), 9162 (150), 9163 (300) CANSEAL R MARINE TAPE
PRODUCT DESCRIPTION: Preparation/Mixture
PRODUCT USE: Heavy duty hatch sealing tape.

MANUFACTURER INFORMATION

INNOVATIVE MANUFACTURING INC
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 DELTA, BC, CANADA, V3M 5R4
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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

This product is NOT considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Symbol(s) No symbol

Signal word No signal word

Hazard Statement: Not classified as a physical, health and environmental hazard under GHS criteria.

Precautionary Statements:

Prevention No precautionary phrases.
Response No precautionary phrases.
Storage No precautionary phrases.
Disposal No precautionary phrases.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Not applicable

Unknown acute toxicity 0% of the mixture consists of ingredients(s) of unknown toxicity

Section 3 – Composition/Information on Ingredients

COMPONENTS	CAS No.	% BY WEIGHT
Asphalt	8052-42-4	20-40
Calcium Carbonate	1317-65-3	20-40
Resins and Polymers	Non-hazardous	10-20
Heavy Naphthenic Distillate	Proprietary	10-15
Carbon Black	9004-34-6	1-5
Crystalline Silica	14807-60-7	0-3

Section 4 – First Aid Measures

Description of First Aid Measures

General Prolong and repeated contact with cold asphalt may cause dermatitis and other skin problems. If exposed or concerned get medical attention/ advice. Ensure that medical personnel are aware of material(s) involved. Show this SDS sheet to the doctor in attendance.

Inhalation Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.

Skin Contact Immediately wash skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing.

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Ingestion	If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after Inhalation	Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the mouth and nose and coughing. Inhaling asphalt fumes may cause nausea, headache, or
Symptoms/Injuries after Skin Contact	This product may be abrasive to skin. Rubbing may increase skin irritation. Contact with hot melt product will cause thermal burns.
Symptoms/Injuries after Eye Contact	Particulates produced from cutting, grinding or drilling of the cold product may cause physical irritation of the eye. Hot product will cause severe burns. To prevent significant damage to the eye, seek immediate first aid and medical attention.
Symptoms/Injuries after Ingestion	Not a likely route of entry. Ingestion of small quantities of asphalt is not known to be harmful; ingesting large quantities can cause intestinal distress. May cause nausea, vomiting, and diarrhea.

Indication of any immediate medical attention and special treatment needed

Notes to physician	In case of shortness of breath, give oxygen. Keep victim warm. Keep under observation. Symptoms may be delayed. For extensive burns seek medical attention.
Specific treatments	No information available.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Section 5 – Fire Fighting Measures

Suitable extinguishing media	Use any media suitable for surrounding fires i.e. water spray, water fog, carbon dioxide (CO ₂), dry chemical powder, and foam.
Special hazards arising from the substance or mixture	All grades of asphalt are combustible and release dense black smoke when they burn. The hazardous combustible products are carbon dioxide, carbon monoxide and traces of oxides of Sulphur. In addition contact with molten material may cause thermal burns.
Hazardous thermal decomposition products	Oxides of carbon and nitrogen. Traces of oxides of sulphur. Other unidentified hydrocarbons.
Protective actions fire-fighters	Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products. Do not release chemically contaminated water into drains, soil or surface water.

Section 6 – Accidental Release Measures**Personal precautions, protective equipment, and emergency procedures**

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Shut off all ignition sources. No flares, smoking or flames in hazard area. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective
For emergency responders	Equip cleanup crew with proper protection. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Environmental precautions

Prevent entry to sewers and public waters. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Avoid actions that cause dust to become airborne. Avoid inhaling dust and contact with skin. Wear appropriate protective equipment as described in Section 8.

Section 7 – Handling and Storage**Precautions for safe handling**

Wear personal protective equipment. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only with adequate ventilation. Customary personal hygiene measures, such as washing hands after working with this product is recommended. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities

Conditions for safe storage Do not handle, store or open near an open flame or sources of ignition. Protect material from direct sunlight. Keep away from food, drink and animal feedstock. Keep out of the reach of children.

Incompatible Materials: Strong acids, strong bases, strong oxidizers (such as nitrates, chlorates, and peroxides).

Section 8 – Exposure Controls / Personal Protection**Control Parameters**

Components	ACGIH TLV	OSHA PEL	NIOSH
			REL
Asphalt 8052-42-4	TWA 0.5 mg/m ³ (inhalable fraction, as benzene-soluble aerosol)	-	Ceiling: 5 mg/m ³ fume 15 min
Calcium Carbonate 1317-65-3	-	15 mg/m ³ , TWA, Total dust 5 mg/m ³ , TWA, Respirable	10 mg/m ³ , TWA, Total dust 5 mg/m ³ , TWA, Respirable
Crystalline Silica 14807-60-7	TWA 0.05 mg/m ³ (respirable)	10 mg/m ³ , TWA, Respirable	-
Heavy Naphthenic Distillate	TWA: 5 mg/m ³	TWA: 5 mg/m ³	-
Carbon Black 1333-86-4	TWA: 3.5 mg/m ³	TWA: 3.5 mg/m ³	-

Appropriate engineering control

Engineering Controls Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapours below their respective threshold limit value.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety Glasses, Chemical goggles, or face shield

Skin/Body Protection Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.

Respiratory Protection Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other equipment Make safety shower, eyewash stations, and hand washing equipment available in the work area.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapor. Avoid contact with eyes. Wash hands and face after handling.

Section 9 – Physical and Chemical Properties

	PRODUCT CRITERIA
APPEARANCE - COLOR	Black
PHYSICAL STATE	Opaque black, tacky solid with no odor
ODOR	No odor
ODOR THRESHOLD	No data available
PH	No data available
MELTING POINT/FREEZING POINT	104°C (220°F), (Softening Point)
INITIAL BOILING POINT AND BOILING RANGE	No data available
FLASH POINT	No data available
EVAPORATION RATE	No data available
FLAMMABILITY (solid, gas)	No data available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not Measured
VAPOR PRESSURE	No data available

VAPOR DENSITY (AIR=1)	No data available
RELATIVE DENSITY (@25°C)	1.27
SOLUBILITY(IES)	Insoluble in water
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
VOC CONTENT	0 g/L

Section 10 – Stability and Reactivity

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	Under normal conditions of storage and use, hazardous reactions will no occur.
Conditions to Avoid:	Avoid all possible sources of ignition(spark or flame), avoid contact with incompatible materials
Incompatibility (Materials to Avoid):	Strong acids, strong bases, strong oxidizers (such as nitrates, chlorates, and peroxides).
Hazardous Decomposition Products:	Thermal decomposition generates: Carbon oxides (CO, CO ₂) and hydrocarbons.

Section 11 – Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 (Oral/Rat)	>5001 mg/kg		8052-42-4 Asphalt
	LC50 (Inhalation/Rat male)			
	LD50 (Dermal/Rabbit)	>2001 mg/kg		
Skin Corrosion/Irritation	Not classified at ambient temperature			
Serious Eye Damage / Eye Irritation	Not classified at ambient temperature			
Respiratory or Skin Sensitization	Not classified at ambient temperature			
Germ Cell Mutagenicity	Not classified based on available information.			
Carcinogenicity	NTP	-		8052-42-4 Asphalt*
	IARC	Group 2B		
	OSHA	-		
	CA Prop 65	-		
Reproductive Toxicity	Not classified based on available information.			
STOT - Single Exposure	Not classified at ambient temperature			
STOT - Repeated Exposure	Not classified based on available information.			
Aspiration Hazard	Not classified based on available information.			

* **Asphalt:** The IARC monograph (Vol.103.2013, Bitumen and Bitumen Emissions) defines Asphalt as :Group 2B, Possible Carcinogen to Humans". This definition is based on studies of exposure to Asphalt fumes at elevated temperatures. The Monograph states that temperature plays an important role in determining the degree of exposure and also the carcinogenic potential of bitumen emissions. This same Monograph states that Asphalt is non volatile at ambient temperature. There is no data presented in the Monograph to demonstrate that Asphalt at ambient temperature is considered a carcinogen. Since the normal use of this product is at ambient temperature, the Asphalt used in this product is not listed as a carcinogen. No other national or international agency has defined Asphalt as a carcinogen.

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	EC50 / 48 h	-
	NOEC / 21 days	-
	M factor	-
Toxicity to Daphnia	LC 50 / 96 h	-
	NOEC / 21 days	-
	M factor	-

Persistence and degradability Not readily biodegradable.

Bioaccumulative potential

Product/Ingredient Name	Log Pow	BCF	Potential

Mobility in soil No information is available

PBT and vPvB assessment No information is available

Other adverse effects No information is available

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.

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

All components used in this product are on the TACS Inventory and the Canadian DSL.

International Inventories

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Does not comply
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CANADA:

WHMIS-2015: This SDS is in compliance with WHMIS 2015 (HPR / new HPA).

Section 16 – Other Information**HMIS Rating:**

Health	0
Flammability	1
Physical Hazard	0
Personal Protection	x

NFPA Rating:

Health	0
Flammability	1
Instability	0
Special	-

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