

# MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE				
Product Identifier → <b>TAG<sup>®</sup> 8000</b>			PRODUCT IDENTIFICATION NUMBER (PIN)	
PRODUCT USE → <b>Repairing asphalt pavement, driveways and concrete roads/bridgedecks</b>				
MANUFACTURER'S NAME <b>INFRATECH POLYMERS INC.</b>		SUPPLIERS NAME <b>CANADIAN CONSTRUCTION PRODUCTS</b>		
STREET ADDRESS #4-19747 Telegraph Trail		STREET ADDRESS #4-19747 Telegraph Trail		
CITY Langley	PROVINCE B.C.	CITY Langley	PROVINCE B.C.	
POSTAL CODE V1M 3E6	EMERGENCY TEL NO. 604-888-8808	POSTAL CODE V1M 3E6	EMERGENCY TEL. NO. 604-888-7171	
SECTION 2 - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)
<b>Liquid Asphalt</b>	<b>3-7</b>	<b>8052-42-4</b>	<b>N/A</b>	<b>N/A</b>
<b>Hydro Carbon Mixture</b>	<b>1-4</b>	<b>68334-30-5</b>	<b>N/A</b>	<b>N/A</b>
<b>Aggregate Rock</b>	<b>93-97</b>	<b>1317-65-3</b>	<b>N/A</b>	<b>N/A</b>
SECTION 3 - PHYSICAL DATA				
PHYSICAL STATE <b>Granular Solid</b>		ODOR AND APPEARANCE <b>Petroleum odour, Black Tarry Appearance</b>		ODOR THRESHOLD (PPM) <b>1</b>
VAPOR PRESSURE (mm Hg) <b>N/A</b>	VAPOR DENSITY (AIR=1) <b>N/A</b>	EVAPORATE RATE <b>N/A</b>	BOILING POINT (°C) <b>N/A</b>	FREEZING POINT (°C) <b>N/A</b>
pH <b>N/A</b>	SPECIFIC GRAVITY <b>1.6-2.3</b>		COEFF, WATER/OIL DIST. <b>insoluble in water</b>	
SECTION 4 - FIRE AD EXPLOSION DATA				
FLAMMABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES, UNDER WHICH CONDITIONS → <b>Heating to flash point and external ignition source</b>				
MEANS OF EXTINCTION <b>Dry Chemical.Co2. Water Fog/Spray. Do not direct water stream into burning material.</b>				
FLASHPOINT (°C) AND METHOD <b>of modified liquid asphalt 64.5°C T.C.C.</b>		UPPER FLAMMABLE LIMIT (% BY VOLUME) <b>N/A</b>	LOWER FLAMMABLE LIMIT (% BY VOLUME) <b>N/A</b>	
AUTOIGNITION TEMPERATURE (°C) <b>N/A</b>	HAZARDOUS COMBUSTION PRODUCTS <b>Carbon Monoxide, Carbon Dioxide, Smoke and oxides of Sulphur and Nitrogen</b>			
EXPLOSION DATA	SENSITIVITY TO IMPACT → <b>NOT SENSITIVE</b>		SENSITIVITY TO STATIC DISCHARGE <b>Fumes from hot material may ignite</b>	
SECTION 5 - REACTIVITY DATA				
CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO UNDER WHICH CONDITIONS? →				
INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF SO, WHICH ONES? → <b>Strong oxidizing materials</b>				
REACTIVITY, AND UNDER WHAT CONDITIONS?		<b>Non-Reactive</b>		
HAZARDOUS DECOMPOSITION PRODUCTS:		<b>Carbon Monoxide, Carbon Dioxide, Aldehydes and other unidentified compounds may form upon combustion</b>		

## SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT  SKIN ABSORPTION  EYE CONTACT  INHALATION  INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

**Irritation, may cause de-fatting and dermatitis of the skin**

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

**Repeated or prolonged exposure to fumes can cause liver or kidney damage**

EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY
TWAV Asphalt fumes - 5mg <sup>3</sup> H <sub>2</sub> S Fumes - 14 mg/m <sup>3</sup>	N/A	N/A	N/A
TERATOGENICITY	REPRODUCTIVE TOXICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS
N/A	N/A	N/A	N/A

## SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES (SPECIFY) <b>Oil Impervious type</b>	RESPIRATOR (SPECIFY) <b>use full-face organic vapour cartridge type if fumes exceed limit</b>	EYE (SPECIFY) <b>Chemical Safety Goggles</b>
FOOTWEAR (SPECIFY)	CLOTHING (SPECIFY) <b>long sleeve shirt, cuffless pants or overalls</b>	OTHER (SPECIFY)

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS.)

**Provide sufficient ventilation in confined/enclosed area. Use explosion-proof local exhaust as required to maintain allowable fume limits.**

LEAK AND SPILL PROCEDURE

**Contain spill. Remove all sources of ignition. Do not flush to sewers. Shovel into drums for re-use or disposal. Provide adequate ventilation of affected area. Use full protective equipment and breathing apparatus.**

WASTE DISPOSAL

**Dispose of waste to approved land fill site or to licensed reclaimer in accordance with local/government requirements.**

HANDLING PROCEDURES AND EQUIPMENT

**Do not heat material for use. Use only in well ventilated areas. Keep away from ignition sources. Electrically ground containers or equipment to avoid static. Avoid skin contact and inhalation of fumes.**

STORAGE REQUIREMENTS

**Store in well ventilated area in closed containers away from ignition sources and strong oxidizing materials.**

SPECIAL SHIPPING INFORMATION

## SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES

**Respiratory Protection:** Evacuate to fresh air. Apply cardiopulmonary resuscitation oxygen if oxygen is required. Obtain medical attention.

**Skin Contact:** Remove clothing and wash affected area thoroughly with soap and water DO NOT use solvents to remove asphalt. In case contact with hot material, cool part with water. DO NOT ATTEMPT to remove cooled asphalt. Obtain immediate medical attention.

**Eye Contact:** Flush with warm water for at least 15 minutes. Seek medical attention if irritation develops or persists.

**Ingestion:** Not expected to be a route of entry. If ingested, drink 250 ml. water. DO NOT induce vomiting. Obtain immediate medical attention.

## SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.) <b>Research Department</b>	PHONE NUMBER <b>(604) 888-8808</b>	DATE <b>July 4, 2011</b>
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