

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER ➔ <b>CRACK SEALANT, BI-CRACKEE® 3405</b>		PRODUCT IDENTIFICATION NUMBER (PIN)	
PRODUCT USE ➔ <b>HOT APPLIED JOINT AND CRACK SEALANT</b>			
MANUFACTURER'S NAME <b>INFRATECH POLYMERS INC.</b>		SUPPLIER'S NAME	
STREET ADDRESS <b>UNIT #4, 19747 TELEGRAPH TRAIL</b>		STREET ADDRESS	
CITY <b>LANGLEY</b>	PROVINCE <b>BC</b>	CITY	PROVINCE
POSTAL CODE <b>V1M 3E6</b>	EMERGENCY TEL. NO. <b>(604) 888-8808</b>	POSTAL CODE	EMERGENCY TEL. NO.

## SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC50 OF INGREDIENT (SPECIFY SPECIES)
<b>Unoxidized asphalt</b>	<b>40-90</b>	<b>8052-42-4</b>		
<b>Plasticizer</b>	<b>0-40</b>			
<b>Rubber</b>	<b>10-50</b>			
<b>Filler</b>	<b>0-30</b>			

## SECTION 3 - PHYSICAL DATA

PHYSICAL STATE <b>Solid at 77°F (25°C)</b>	ODOUR AND APPEARANCE <b>Petroleum products odour black, adhesive, solid, liquid above 270°F (130°C)</b>		ODOUR THRESHOLD (PPM) <b>Not available</b>	
VAPOUR PRESSURE (mm Hg) <b>N/A</b>	VAPOUR DENSITY (AIR = 1) <b>N/A</b>	EVAPORATION RATE <b>N/A</b>	BOILING POINT (°C) <b>550°F min (287°C)min</b>	FREEZING POINT (°C) <b>N/A</b>
pH <b>N/A</b>	SPECIFIC GRAVITY <b>1,0-1,2</b>	COEFF. WATER/OIL DIST. <b>N/A</b>		

## SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES, UNDER WHICH CONDITIONS? ➔ <b>Material will not burn unless preheated</b>				
MEANS OF EXTINCTION <b>CO<sub>2</sub> Dry Chemicals, foam</b>				
FLASHPOINT (°C) AND METHOD <b>ASTM D92, 420°F Min (215°C) in</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>black dense haze smoke, CO, CO<sub>2</sub>, other unidentified compounds</b>		
EXPLOSION DATA ➔	SENSITIVITY TO IMPACT <b>N/A</b>		SENSITIVITY TO STATCI DISCHARGE <b>N/A</b>	

## SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS? ➔ <b>Stable at ambient conditions</b>	
INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF SO, WHICH ONES? ➔ <b>Avoid contact to strong oxidizing materials</b>	
REACTIVITY, AND UNDER WHAT CONDITIONS? <b>Can be dissolved in organic solvents (toluene)</b>	
HAZARDOUS DECOMPOSITION PRODUCTS <b>See hazardous combustion products of thermal decomposition</b>	

PRODUCT IDENTIFIER      ➔ **CRACK SEALANT, BI-CRACKEE® 3405**

## SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY  
 SKIN CONTACT     SKIN ABSORPTION     EYE CONTACT     INHALATION     INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT **Hot product may cause minor to severe burns when in skin contact**

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

EXPOSURE LIMITS <b>N/A</b>	IRRITANCY OF PRODUCT <b>N/A</b>	SENSITIZATION TO PRODUCT <b>N/A</b>	CARCINOGENICITY <b>Not Listed as carcinogens</b>
TERATOGENICITY <b>N/A</b>	REPRODUCTIVE TOXICITY <b>N/A</b>	MUTAGENICITY <b>N/A</b>	SYNERGISTIC PRODUCTS <b>N/A</b>

## SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES (SPECIFY) <b>Insulated</b>	RESPIRATOR (SPECIFY) <b>Under normal conditions not required use organic cartridge</b>	EYE (SPECIFY) <b>Safety goggles</b>
FOOTWEAR (SPECIFY) <b>Safety Footwear</b>	CLOTHING (SPECIFY) <b>with full length sleeves and pants</b>	OTHER (SPECIFY) <b>As Required by situation</b>

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS.)  
**Under normal conditions respiratory protection is not required. May be required in poor ventilated areas. Ventilation.**

LEAK AND SPILL PROCEDURE **Permit material to cool to a solid. Cover with earth to reduce adhesiveness. Place in appropriate containers.**

WASTE DISPOSAL **Place in appropriate containers for transporting to a waste disposal site.**

HANDLING PROCEDURES AND EQUIPMENT **When hot use safety protective clothing and equipment.**

STORAGE REQUIREMENTS **Packages of unused material present no known health or handling problem and or safety hazard**

SPECIAL SHIPPING INFORMATION **No specific requirement**

## SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES  
**For hot material in contact with skin, cool with water and remove with mineral oil**  
**For extensive burns seek medical attention.**

**For hot material contact with eyes, flush with water for 15 minutes and see a physician.**

**In case of fumes inhalation: remove to fresh air, Restore breathing and administer oxygen if necessary. Seek immediate medical attention.**

## SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.) <b>INFRATECH POLYMERS INC.</b>	PHONE NUMBER <b>(604) 888-8808</b>	DATE REV. <b>May 10, 1999</b>
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