

MATERIAL SAFETY DATA SHEET

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MSDS Number: PT1707BL ; PT1707BRZ ; PT1707GRY ; PT1707W ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: BLACK PTI ARCH. BUTYL SEALANT
HMIS Ratings:

Health: Moderate(2)
 Flammability: Moderate(2)
 Instability/Reactivity: Minimal(0)

NFPA Ratings:

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
CALCIUM CARBONATE	1317-65-3	10 - 30	10 MG/M ³ TOTAL DUST	15 MG/M ³ TOTAL DUST; 5 MG/M ³ RESPIRABLE DUST		ORAL RAT: 6250 MG/KG	
Notes							
STODDARD SOLVENT	8052-41-3	10 - 30	100 PPM	100 PPM		NOT ESTABLISHED	
Notes							
TALC	14807-96-6	5 - 30	2 MG/M ³ RESPIRABLE DUST	2 MG/M ³ RESPIRABLE DUST		NOT ESTABLISHED	
Notes							
SILICA, AMORPHOUS	7631-86-9	1 - 5	6 MG/M ³	10 MG/M ³ TOTAL DUST; 3MG/M ³ RESPIRABLE DUST		ORAL RAT: >22 MG/KG	
Notes							
CARBON BLACK	1333-86-4	0.1 - 1	3.5 MG/M ³	3.5 MG/M ³		ORAL RAT: >15400 MG/KG; DERMAL RABBIT: >3000 MG/KG	
Notes							
CRYSTALLINE SILICA	14808-60-7	0.1 - 1	0.05 MG/M ³ RESPIRABLE DUST	0.1 MG/M ³ RESPIRABLE DUST		NOT ESTABLISHED	
Notes							
Other:	UNLISTED INGREDIENTS ARE NOT 'HAZARDOUS' PER THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) AND/OR NOT FOUND ON THE CANADIAN WHMIS INGREDIENT DISCLOSURE LIST.						

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: CAN CAUSE MODERATE IRRITATION, TEARING AND REDDENING, BUT NOT LIKELY TO PERMANENTLY INJURE EYE TISSUE.

Skin: CAN CAUSE SKIN IRRITATION.
 COMPONENTS MAY BE ABSORBED THROUGH INTACT SKIN, BUT IT IS UNLIKELY THAT HARMFUL EFFECTS WILL OCCUR UNLESS CONTACT IS PROLONGED, REPEATED, AND EXTENSIVE.

Ingestion:	INGESTION IS NOT AN ANTICIPATED ROUTE OF EXPOSURE. HARMFUL IF SWALLOWED. IRRITATING TO MOUTH, THROAT AND STOMACH.
Inhalation:	CAN CAUSE MINOR RESPIRATORY IRRITATION. INHALATION OF DUSTS PRODUCED DURING CUTTING, GRINDING OR SANDING OF THIS PRODUCT MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT. INHALATION OF HIGH CONCENTRATIONS MAY RESULT IN CENTRAL NERVOUS SYSTEM (CNS) EFFECTS SUCH AS DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, AND LACK OF COORDINATION. OVEREXPOSURE TO CRYSTALLINE SILICA MAY CAUSE SILICOSIS.
Signs and Symptoms of Exposure:	LONG TERM (CHRONIC) HEALTH EFFECTS: TARGET ORGANS KIDNEYS, CENTRAL NERVOUS SYSTEM, LUNGS.
Medical Conditions Aggravated by Exposure:	KIDNEY DISEASE; LUNG DISEASE.
Other:	EMERGENCY OVERVIEW: COMBUSTIBLE MODERATE EYE IRRITANT CAN CAUSE SKIN IRRITATION HARMFUL IF SWALLOWED CANCER HAZARD THIS PRODUCT DOES CONTAIN REGULATED LEVELS OF NTP, IARC, ACGIH OR OSHA: CARBON BLACK CRYSTALLINE SILICA

IV. FIRST AID MEASURES

Eyes:	FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 20 MINUTES RETRACTING EYELIDS OFTEN. TILT THE HEAD TO PREVENT CHEMICAL FROM TRANSFERRING TO THE UNCONTAMINATED EYE. GET IMMEDIATE MEDICAL ATTENTION.
Skin:	WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.
Ingestion:	DO NOT INDUCE VOMITING AND SEEK MEDICAL ATTENTION IMMEDIATELY. DRINK TWO GLASSES OF WATER OR MILK TO DILUTE. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
Inhalation:	REMOVE TO FRESH AIR. CALL A PHYSICIAN IF SYMPTOMS PERSIST.

V. FIRE FIGHTING MEASURES

Flash Point:	109°F (43°C)
Test Method:	TCC
Lower Flammability Limit:	NE
Upper Flammability Limit:	NE
Extinguishing Agents:	USE WATER SPRAY, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.
Unusual Fire or Explosion Hazards:	VAPORS ARE HEAVIER THAN AIR AND CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK.

Fire Fighting Procedures: PERSONS EXPOSED TO PRODUCTS OF COMBUSTION SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Other: HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, SILICON DIOXIDE.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: SPECIAL PROTECTION:
EXPOSURE TO THE SPILLED MATERIAL MAY BE IRRITATING OR HARMFUL. FOLLOW PERSONAL PROTECTIVE EQUIPMENT RECOMMENDATIONS. ADDITIONAL PRECAUTIONS MAY BE NECESSARY BASED ON SPECIAL CIRCUMSTANCES CREATED BY THE SPILL INCLUDING; THE MATERIAL SPILLED, THE QUANTITY OF THE SPILL, THE AREA IN WHICH THE SPILL OCCURED. EVAPORATION OF VOLATILE SUBSTANCES CAN LEAD TO THE DISPLACEMENT OF AIR CREATING AN ENVIRONMENT THAT CAN CAUSE ASPHYXIATION.
CLEAN-UP:
SCRAPE UP AND PLACE IN DISPOSAL CONTAINER.
SHUT OFF IGNITION SOURCES; INCLUDING ELECTRICAL EQUIPMENT AND FLAMES. DO NOT ALLOW SMOKING IN THE AREA.

VII. HANDLING AND STORAGE

Other: HANDLING:
HARMFUL OR IRRITATING MATERIAL. AVOID CONTACTING AND AVOID BREATHING THE MATERIAL. USE ONLY IN A WELL VENTILATED AREA. KEEP AWAY FROM HEAT, SPARKS AND FLAME.
WASH THOROUGHLY AFTER HANDLING
KEEP CONTAINER CLOSED
EMPTYED CONTAINER RETAINS VAPOR AND PRODUCT RESIDUE.
OBSERVE ALL LABELED PRECAUTIONS UNTIL CONTAINER IS CLEANED.
DRUMS OF THIS MATERIAL SHOULD BE GROUNDED WHEN POURING.
DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER.
STORAGE:
STORE IN A COOL, DRY, VENTILATED LOCATION. KEEP AWAY FROM FLAME AND HEAT. KEEP CONTAINERS CLOSED.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: WEAR SAFETY GLASSES WITH SIDE SHIELDS WHEN HANDLING THIS PRODUCT. WEAR ADDITIONAL EYE PROTECTION SUCH AS CHEMICAL SPLASH GOGGLES AND/OR FACE SHIELD WHEN THE POSSIBILITY EXISTS FOR EYE CONTACT WITH SPLASHING OR SPRAYING LIQUID, OR AIRBORNE MATERIAL. HAVE AN EYE WASH STATION AVAILABLE.

Skin: AVOID SKIN CONTACT BY WEARING CHEMICALLY RESISTANT GLOVES.
GLOVES: NITRILE.

Respiratory: RESPIRATORY PROTECTION MAY BE REQUIRED TO AVOID OVEREXPOSURE WHEN HANDLING THIS PRODUCT. USE A RESPIRATOR IF GENERAL ROOM VENTILATION IS NOT AVAILABLE OR SUFFICIENT TO ELIMINATE SYMPTOMS. NIOSH APPROVED AIR PURIFYING RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE.
RESPIRATORS SHOULD BE SELECTED BY AND USED FOLLOWING REQUIREMENTS FOUND IN OSHA'S RESPIRATOR STANDARD (29 CFR 1910.134).

Engineering: USE LOCAL EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO MINIMIZE EXPOSURES.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	BLACK
Boiling Point:	NOT ESTABLISHED
Freezing Point:	NOT ESTABLISHED
pH:	NOT ESTABLISHED
Specific Gravity:	1.18
Vapor Pressure:	NOT ESTABLISHED
Vapor Density:	NOT ESTABLISHED
Physical State:	SEMI-SOLID
Other:	9.83 LBS/GAL SOLIDS: 83.5%

X. STABILITY AND REACTIVITY

Stability: STABLE UNDER NORMAL CONDITIONS

Hazardous Polymerization: WILL NOT OCCUR

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, SILICON DIOXIDE

Incompatible Products: STRONG OXIDIZING AGENTS

XI. TOXICOLOGICAL INFORMATION

Acute Toxicology Data: NO ADDITIONAL HEALTH INFORMATION AVAILABLE.

XII. ECOLOGICAL INFORMATION

Ecotoxicity:

Other: OVERVIEW: NO ECOLOGICAL INFORMATION AVAILABLE.
195 G VOC/LITER OF MATERIAL (VOC THEORECTICALLY DETERMINED USING EPA REFERENCE METHOD 24
195 G VOC/LITER OF MATERIAL, LESS WATER AND EXEMPT SOLVENTS (VOC THEORECTICALLY DETERMINED USING EPA REFERENCE METHOD 24.

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: THIS PRODUCT MEETS THE DEFINITION OF HAZARDOUS WASTE UNDER THE U.S. EPA HAZARDOUS WASTE REGULATIONS 40 CFR 261. IT IS IGNITABLE WASTE CLASS D001. DISPOSAL VIA INCINERATION IS RECOMMENDED. CONSULT YOUR STATE, LOCAL OR PROVINCIAL AUTHORITIES FOR MORE RESTRICTIVE REQUIREMENTS.

RCRA Class: D001 (IGNITABLE)

XIV. TRANSPORT INFORMATION

Proper Shipping Name: NOT REGULATED.

Other: CONSULT BILL OF LADING FOR TRANSPORTATION INFORMATION.
DOT: ADHESIVES, 3, UN1133, III
IATA: ADHESIVES, 3, UN1133, III

XV. REGULATORY INFORMATION

TSCA Status: THIS PRODUCT IS IN COMPLIANCE WITH THE TSCA INVENTORY REQUIREMENTS.

EPA Sara Title III Chemical Listings: SECTION 313: THIS PRODUCT DOES NOT CONTAIN TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 AND 40 CFR PART 72. EPA HAS ADVISED THAT WHEN A PERCENTAGE RANGE IS LISTED THE MIDPOINT MAY BE USED TO FULFILL REPORTING OBLIGATIONS.

Supplemental State Compliance Information:

California: PROP 65 WARNING: THIS PRODUCT CONTAINS KNOWN LEVELS OF ANY CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE HARM: CHEMICAL QUARTZ CAS # 14808-60-7; % BY WT: 0.1 – 1.0
CHEMICAL NICKEL (CARCINOGEN) CAS # 7440-02-0 % BY WT: <10 PPM

Other: WHMIS STATUS: UNLESS LISTED BELOW, THIS PRODUCT IS NOT CONTROLLED UNDER THE CANADIAN WHMIS.
B3
D2B D2A

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.