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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: PC PIT CREW'S CHOICE CONTACT CEMENT 44.3 ML
Item No: 31862
Product Type: Adhesive

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
TOLUENE 108-88-3	10-30	636 mg/kg	12.5 mg/L (4H)	20 ppm
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. 64742-89-8	10-30	5000 mg/kg	not available	
ACETONE 67-64-1	10-30	5800 mg/kg	not available	500 ppm
N-HEXANE 110-54-3	<10	25 g/kg	48000 ppm/4H	50 ppm
CYCLOHEXANE 110-82-7	<3	>5000 mg/kg	13.9 mg/L/4H	100 ppm

III. PHYSICAL DATA

Physical State/Appearance: Viscous liquid
Odour & Odour Threshold: Solvent odour
Specific Gravity: 0.79
Evaporation Rate: >1.0 (butyl acetate = 1)
Vapour Pressure: Not determined
Vapour Density: >1 (air =1)
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: 55°C

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam
Hazardous Combustion Products: Oxides of carbon
Sensitivity to Static Discharge: Sensitivity to static discharge is expected; material has a flashpoint less than or equal to 10°C.
Conditions of Flammability: FLAMMABLE: Keep from heat and open flame. Vapours are heavier than air and may travel or be moved along the ground to an ignition source. Keep containers cool.
Flash Point/Range: <-5°C
Autoignition Temperature: Not determined
Upper Explosive Limit: 13.0%
Lower Explosive Limit: 0.9%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
Materials to avoid: Strong oxidizers and bases, Acids
Conditions of Reactivity: Avoid excessive heat, sparks and open flame.
Hazardous Decomposition Products: Carbon oxides

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: Toluene: Eye, liver, skin, respiratory and central nervous system diseases Hexane: Central and peripheral nervous system, vision defects Acetone: Lung and other respiratory diseases, eye, skin and central nervous system problems
Toxicity Information: (See Effects of Acute Exposure to Product)

VI. HAZARDS IDENTIFICATION

Effects of Acute Exposure:	Excessive exposure may cause headache, nausea, dizziness and in extreme cases, unconsciousness, respiratory depression. Harmful if swallowed. Inhaling may cause mild irritation to the nose, throat and respiratory tract. Intentionally concentrating and inhaling the vapor may be harmful or fatal. May cause eye and skin irritation.
Effects of Chronic Exposure:	Chronic overexposure to toluene is associated with brain damage, liver, kidney and blood effects. Overexposure to methyl ethyl ketone and n-hexane may cause peripheral nerve damage (that of arms and legs) and result in muscular weakness and loss of sensation. Repeated exposure to Toluene has been associated with high frequency hearing loss based on animal studies.
Irritancy of Product:	Headache, nausea, dizziness, light headedness, staggering gait, giddiness. Irritation of eyes, skin, nose and throat. May cause dermatitis on prolonged contact in sensitive individuals.
Sensitization to Product:	(See Effects of Acute Exposure to Product)
Carcinogenicity:	(See Effects of Chronic Exposure to Product)
Reproductive Toxicity:	(See Effects of Chronic Exposure to Product)
Teratogenicity:	(See Effects of Chronic Exposure to Product)
Mutagenicity:	(See Effects of Chronic Exposure to Product)
Toxicologically Synergistic Products:	None known
WHMIS Hazard Class:	B2 FLAMMABLE LIQUIDS, D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection	
Eyes:	Safety glasses.
Skin:	Neoprene or nitrile gloves recommended. Wash contaminated clothing before re-use.
Ventilation:	General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product. In case of insufficient ventilation, wear an organic vapor respirator.
Engineering Controls:	
Spill Procedures:	Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Prevent from entering waterways or sewers.
Protection of Man and Environment:	Follow Canadian and local regulations for disposal.
Handling Procedures and Equipment:	Flammable. Store away from heat, open flame or other sources of ignition. Do not store sealed containers near extreme heat. Keep container closed when not in use.
Special Handling Information:	Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use. Do not use for prolonged periods in confined area without adequate ventilation.

VIII. FIRST AID MEASURES

Ingestion:	Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.
Skin Contact:	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

IX. SHIPPING INFORMATION

Canadian Transportation of Dangerous Goods

Proper Shipping Name:	Adhesives, Limited Quantity
Hazard Class:	Class 3; PGII
UN/ID No:	UN 1133

IATA (Air)

Proper Shipping Name:	Consumer Commodity (Not more than 1 liter)
Class or Division:	Class 9
UN/ID Number:	ID 8000

IMDG (Vessel)

Proper Shipping Name:	Adhesives, Limited Quantity
Hazard Class:	Class 3, PG II
UN Number:	UN 1133

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0
HMIS is a registered trademark of the National Paint and Coatings Association

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 3, REACTIVITY 0

**Product Name: PC PIT CREW'S CHOICE CONTACT
CEMENT 44.3 ML**

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X. PREPARATION INFORMATION

(NFPA is a registered trademark of the National Fire Protection Association)

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