

**MATERIAL SAFETY DATA SHEET**

Printed: 1/18/10

CERTINCOAT® TC-100**PRODUCT IDENTIFICATION AND USE**

MANUFACTURER: ARKEMA CANADA INC.
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PRODUCT IDENTIFIER: CERTINCOAT® TC-100

PRODUCT CODE: AP9066

PRODUCT USE: HOT END COATING FOR GLASS

WHMIS CLASSIFICATION: E - CORROSIVE MATERIAL.

HAZARDOUS INGREDIENTS

	%W/W	CAS #	TLV
MONOBUTYLTIN TRICHLORIDE LD50: 2,300 MG/KG (4-HR. – ORAL,RATS)	60-100	1118-46-3	ACGIH TWA = 0.1 MG/M3 (AS SN) (SKIN) ACGIH STEL = 0.2 MG/M3 (AS SN) (SKIN)

ADDITIONAL INGREDIENT INFORMATION (WHMIS NOT CONTROLLED):
NA

PHYSICAL DATA

PHYSICAL STATE: LIQUID

ODOUR AND APPEARANCE: STRAW/BROWN LIQUID WITH IRRITATING ODOUR.

ODOUR THRESHOLD: NE

SPECIFIC GRAVITY/DENSITY (G/ML): 1.66 @ 25°C

VAPOUR PRESSURE: NE

VAPOUR DENSITY (AIR=1): NE

VOLATILITY/VOL(%): NE

SOLUBILITY IN H2O: SOLUBLE

EVAPORATION RATE: NE

BOILING POINT: 92-100°C @ 10 MM HG

FREEZING POINT: -63°C

PH: NA

LOG KOW: NE

SHIPPING INFORMATION

UN 3265, 8, II, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (BUTYLTIN TRICHLORIDE)

FIRE AND EXPLOSION HAZARD

FLAMMABILITY: NOT FLAMMABLE.

CONDITIONS: WILL BURN AT ELEVATED TEMPERATURES.

MEANS OF EXTINCTION: WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL

FLASHPOINT: NE

UPPER EXPLOSION LIMIT (% V): NE

LOWER EXPLOSION LIMIT (%V): NE

AUTO-IGNITION TEMPERATURE: NE

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON. TIN OXIDES.

EXPLOSION DATA: NE

SENSITIVITY TO IMPACT: NO

SENSITIVITY TO STATIC DISCHARGE: NO

NA - NOT APPLICABLE

NE - NOT ESTABLISHED

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CERTINCOAT® TC-100**REACTIVITY**

CHEMICAL STABILITY:	STABLE
INCOMPATIBLE MATERIALS:	ACIDS, BASES, OXIDIZING AGENTS.
CONDITIONS OF REACTIVITY:	NE
HAZARDOUS DECOMPOSITION PRODUCTS:	HYDROCHLORIC ACID

HEALTH HAZARD INFORMATION

ROUTE OF ENTRY	
SKIN CONTACT:	CORROSIVE.
SKIN ABSORPTION:	MAY BE HARMFUL IF ABSORBED.
EYE:	CORROSIVE. MAY CAUSE BURNS. MAY CAUSE BLINDNESS.
INGESTION:	MAY CAUSE DIGESTIVE TRACT BURNS.
INHALATION:	MAY CAUSE RESPIRATORY TRACT IRRITATION.
ACUTE OVER EXPOSURE EFFECTS:	NE
CHRONIC OVER EXPOSURE EFFECTS:	NE
SENSITIZATION:	DOES NOT MEET WHMIS CRITERIA.
CARCINOGENICITY:	DOES NOT MEET WHMIS CRITERIA.
TERATOGENICITY:	DOES NOT MEET WHMIS CRITERIA.
MUTAGENICITY:	DOES NOT MEET WHMIS CRITERIA.
REPRODUCTIVE TOXICITY:	DOES NOT MEET WHMIS CRITERIA.

PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:	WEAR SAFETY GOGGLES AND USE IMPERVIOUS GLOVES. WHERE AIRBORNE EXPOSURE IS LIKELY, WEAR A NIOSH APPROVED RESPIRATOR EQUIPPED WITH AN ORGANIC VAPOUR CARTRIDGE.
SPECIFIC ENGINEERING CONTROLS:	LOCAL EXHAUST IS RECOMMENDED.
LEAK AND SPILL PROCEDURES:	SOAK UP WITH AN ABSORBENT MATERIAL AND PLACE IN A CLOSED CONTAINER.
WASTE DISPOSAL:	HAZARDOUS WASTE. DO NOT ALLOW PRODUCT TO ENTER THE ENVIRONMENT. CONSULT FEDERAL OR LOCAL AUTHORITIES FOR APPROVED DISPOSAL METHODS.
HANDLING PROCEDURES AND EQUIPMENT:	WASH BEFORE EATING, DRINKING, USING TOBACCO PRODUCTS OR REST ROOMS.
STORAGE REQUIREMENTS:	KEEP IN A CLOSED, LABELED CONTAINER IN A VENTILATED AREA.

FIRST AID MEASURES

EYE	FLUSH EYES WITH LARGE AMOUNT OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEEK MEDICAL ATTENTION.
SKIN	WASH SKIN WITH WATER AND SOAP. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.
INGESTION	DO NOT GIVE LIQUIDS IF PERSON IS UNCONSCIOUS OR VERY DROWSY. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.
INHALATION	REMOVE PERSON TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION AND ADMINISTER OXYGEN IF NECESSARY. SEEK MEDICAL ATTENTION.

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PREPARATION DATE	
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PREPARED BY:	TECHNICAL DEPARTMENT.
PHONE NUMBER OF PREPARER:	(800) 567-5726
DATE PREPARED (MM/DD/YY):	04/15/92
DATE REVISED (MM/DD/YY):	01/18/10

MINIMUM CONTACT WITH THIS AND ALL CHEMICALS IS RECOMMENDED AS A GOOD GENERAL POLICY TO FOLLOW.

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