Emergency
CANUTEC 613-996-6666

Product:
Enerthane Resin

Revision: 09-01-2023

ENERLAB 2000 Inc.

1895, de l'Industrie
St-Mathieu de Beloeil (Québec)
J3G 4S5

Tel : (450) 446-8554
Watt : (800) 561-8686
Fax : (450) 446-8557

01 : PRODUCT AND COMPAGNY IDENTIFICATION

Manufacturer	ENERLAB 2000 INC. 1895, de l'Industrie St-Mathieu-de-Beloeil, (Québec) J3G 4S5 Canada Tél : (450) 446-8554 / 1-800-561-8686 Fax : (450) 446-8557
Product name Product use	Enerthane Eco Resin Part of polyurethane foam system
Emergency telephone number	Canutec 613-996-6666

02 : HAZARDS IDENTIFICATION

POTENTIAL HEALT EFFECTS	EYE CONTACT, SKIN CONTACT, INHALATION LIQUIDS, AEROSOLS OR PRODUCT VAPORS ARE IRRITATING. MAY CAUSE TEARS
EYE CONTACT	REDNESS AND ENFLURES. IF THE INJURY IS NOT TREATED, CORNEAL DAMAGE MAY OCCUR, AND THE HEALING OF THE INJURY WILL BE SLOW. DAMAGE IS USUALLY REVERSIBLE
SKIN CONTACT	IRRITATION. MAY CAUSE REDNESS, INJURY, ERUPTION, BLEEDING OR FORMATION OF BLISTER
INHALATION (ACUTE)	VAPORS OR PARTICLES SPRAYED AT CONCENTRATIONS GREATER THAN THOSE PERMISSIBLE EXPOSURE THRESHOLD (TLV) MAY CAUSE INJURY (BURN MEASURE) MUCOSALES OF THE RESPIRATORY TRACT CAUSING NASAL FLOW, SORROW THROAT, COUGH OPPRESSION OF BREAST, LACK OF BREATH AND LOWER PULMONARY FUNCTION. INDIVIDUALS WITH NON-SPECIFIC BRONCHIC HYPERACTIVITY MAY BE REACTED WITH LOWER TVL CONCENTRATIONS BY SYMPTOMS AND ASTHMA CRISIS. EXPOSURE TO MUCH HIGHER CONCENTRATIONS THAN TLV MAY CAUSE BRONCHITIS, BRONCHIC SPASMS, AND PULMONARY DMEEM. THESE EFFECTS ARE USUALLY REVERSIBLE. HYPERSENSITIVITY PNEUMONIA FROM CHEMICALS HAVE ALSO BEEN REPORTED WITH SYMPTOMS SIMILAR TO INFLUENZA. THESE SYMPTOMS MAY OCCUR SEVERAL HOURS AFTER THE EXHIBITION
INGESTION	MAY IRRITATE AND BURN MUCOSES IN GASTROINTESTINAL PATHWAYS. POSSIBLE SYMPTOMS: SOREBORNE, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA
EFFECT OF CHRONIC EXPOSURE	PROLONGED CONTACT MAY CAUSE REDNESS, ERUPTIONS, DEQUAMATION, FORMATION OF BLISTER AND IN CERTAIN CASES SKIN SENSITIZATION,

03 : COMPOSITION INFORMATION ON INGREDIENTS

INGREDIENTS	#CAS	%
POLYOLS BLEND	N/D	20-80
MIX OF TERTIARY AMINES	N/D	1-5
POLYSILOXANE	N/D	1-3
BISMUTH BASED CATALYST	N/D	1-3
TRANS-1-CHLORO-3,3,3-TRIFLUOROPROPÈNE	102687-65-0	10-25
TRIS (1-CHLORO-2-PROPYL) PHOSPHATE	13674-84-5	8-12

04 : FIRST AID MESURES

SKIN CONTACT:	RINSE WITH WATER AND SOAP FOR AT LEAST 15 MIN AND CONSULT A PHYSICIAN.
EYE CONTACT:	RINSE WITH WATER FOR AT LEAST 20 MIN. SEEK MEDICAL ADVICE IMMEDIATELY.
INHALATION :	WEAR THE VICTIM WITH FRESH AIR. HELP TO BREATHE. SEEK MEDICAL ADVICE IMMEDIATELY.
INGESTION :	DO NOT INDUCE VOMITING. SEEK MEDICAL ADVICE IMMEDIATELY.

05 : FIREFIGHTING MEASURES

FLAMMABILITY LIMIT:	N/D
COMBUSTIBILITY:	COMBUSTIBLE LIQUID
FLASH POINT :	> 95^{O}C (SETAFLASH CLOSED CUP)
AUTO IGNITION TEMPERATURE:	N/D
HAZARDOUS COMBUSTION PRODUCT:	N/D
MEANS OF EXTINCTION:	WATER MIST, CO2, EXTINGUISHING POWDER, CHEMICAL FOAM
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS	WEAR AN INDEPENDENT RESPIRATORY DEVICE IN RESTRICTED SPACE OR WHEN EXPOSED TO COMBUSTION PRODUCTS.

06 : ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	WEAR GLASSES AND / OR SAFETY VISOR AND RUBBER GLOVES. WEAR ADEQUATE CLOTHES TO AVOID ANY SKIN CONTACT. WEAR RESPIRATORY APPARATUS IN RESTRICTED AREAS. NORMAL AND ADEQUATE VENTILATION IS SUFFICIENT.
MEASURES IN CASE OF LEAK AND SPILL:	CONTAIN LARGE LOSSES AND PUMP INTO APPROPRIATE CONTAINER. LOSSES OF LOW IMPORTANCE MAY BE COVERED WITH ABSORBENT MATERIAL. RINSE ABUNDANTLY WITH WATER AFTER PICKUP. WEAR A NIOSH APPROVED RESPIRATOR FOR LARGE LOSSES.

SECTION 07 : MANUTENTION ET ENTREPOSAGE

HANDLING	AVOID CONTACT WITH EYES AND SKIN. ENSURE ADEQUATE VENTILATION.
STORAGE:	KEEP DRUM CLOSED. STORE IN A FRESH PLACE AWAY FROM INTENSE SOURCES OF HEAT AND IN THE SHELTER OF COLD

08 :EXPOSURE CONTROLS / PERSONAL PROTECTION

EYES	SAFETY GLASSES OR 8 INCH VISOR. DO NOT WEAR CONTACT GLASS
RESPIRATORY PROTECTION	IN SUCH CASES, OR WHEN THE CONCENTRATIONS EXCEED THE EXPOSURE LIMITS, RESPIRATORY PROTECTION SHOULD BE INCLUDED. A POSITIVE PRESSURE RESPIRATOR WITH FREE AIR OR AN INDEPENDENT RESPIRATORY APPARATUS IS RECOMMENDED. AN AIR PURIFYING RESPIRATOR IS NOT RECOMMENDED DUE TO LOW WARNING PROPERTIES, INCLUDING SMELL OR IRRITATION OF THE PRODUCT
GLOVE	GLOVES RESISTANT TO CHEMICAL PRODUCTS IN BUTYL OR NITRILE RUBBER. GOOD HYGIENE, WASH WELL BEFORE HANDLING FOOD
CLOTHING	WEAR APPROPRIATE CLOTHING AND PROTECTORS
OTHER	EYE SHOWER. EMERGENCY SHOWER SHOULD BE NEARBY
VENTILATION	WHEN PROCESSED, HEATED OR SPRAYED, LOCAL VENTILATION SHOULD BE USED TO MAINTAIN CONCENTRATIONS IN THE AIR UNDER THE TLV. WEAR AN APPROPRIATE RESPIRATORY MASK. WELL ADJUST WHEN THE LEVEL OF CONTAMINATION EXCEEDS THE PERMITABLE THRESHOLD OF EXPOSURE. AVOID BREATHING DUST. IF GENERAL OR LOCAL VENTILATIONS ARE INADEQUATE, PERSONS EXPOSED TO DRIZZLES SHOULD WEAR AN APPROPRIATE RESPIRATORY MASK
MONITORING	THE EXHIBITION VALUES SHOULD BE MONITORED BY MONITORING TECHNIQUES TO ENSURE THAT THE EXPOSURE LIMIT VALUE (YVL) IS NOT EXCEEDED

09 :PHYSICAL AND CHEMICAL PROPERTIES

Physical State :	Viscous Liquid
Color :	Transparent Beige
Specific Gravity :	1.1 to 1.3 g/cm3
Vapor pressure :	N/A
Vapor density :	N/A
Evaporation rate :	N/A
Boiling point :	N/A
Freezing point :	N/A

10 : STABILITY AND REACTIVITY

Chemical Stability :	Stable
Conditions to Avoid :	Storage above 10°C and under25°C
Material to avoid :	Isocyanate, Strong oxidizers
Hazardous decomposition products	Thermal decomposition type: Carbon dioxide, Carbon monoxide

11 : TOXICOLOGICAL INFORMATION

Skin contact:	Irritation légère de la peau
Skin absorption:	N/A
Eye contact:	Light irritation
Inhalation :	N/A
Ingestion :	Possible injury to liver if ingested in quantity
Effects of chronic exposure:	N/A
Irritant properties:	Light for eyes and skin

12 :ECOLOGICAL INFORMATION

POLYOLS BLEND	CL50 Fish >620 mg/L 96 Hours
	CL50 Gambusie (Gambusia affinis) >32000 mg/L 96 Hours
MIX OF TERTIARY AMINES	CL 50 (Pimephales promelas 8050 mg/L 96 Hours
	CL50 (Lepomis macrochirus) 27540 mg/L 96 Hours
	Ce50 Daphnie > 100mg/L
BISMUTH BASED CATALYST	N/A
Polysiloxane	CL50 Oncorhynchus mykiss 860mg/L 96 Hours
	CE50 >930 mg/L Daphnie
Trans-1-chloro-3,3,3	CL50 (Oncorhynchus) 38 mg/L 96 Hours
trifluoropropene	CE50 (Daphnia magna) 82 mg/L 48 Hours
	CE50 (Pseudokirchneriella subcapitata) 106.7mg/L 72 Hours
	NOEC (Pseudokirchneriella subcapitata) 115 mg/L 72 Hours
Tris (1-chloro-2-propyl) phosphate	CL50 (Pimephales promelas 51 mg/L 96 Hours
	CE50 (Daphnia magna) 131 mg/L 48 Hours
	CE50 (Pseudokirchneriella subcapitata) 33mg/L 72 Hours
	CE50 bacteria, sludge treatment 784mg/L 3 Hours

13 : DISPOSAL CONSIDERATION

WASTE DISPOSAL	Spilled and rinsing water is classified chemical waste and must be disposed of according to municipal, provincial and federal regulations. Incineration is the preferred method. Empty containers must be handled with care caused by residues. Decontaminate containers before disposing. Decontaminated empty containers should be crushed to avoid their reuse. Do not heat or cut empty containers with an electrical or gas torch. Vapors and gases may be toxic

14 : TRANSPORT INFORMATION

TDG	Not dangerous goods

15 : Regulatory information

CLASSIFICATION SIMDUT	CONTROL D2A. D2B. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERION UNDER THE CONTROLLED PRODUCTS REGULATIONS AND THE MATERIAL SAFETY DATA SHEET CONTAINS THE INFORMATION REQUIRED BY THE CONTROLLED PRODUCTS REGULATIONS

16 : OTHER INFORMATION

NOTES	THIS INFORMATION, WHICH IS GIVEN WITH NO WARRANTY, EXPRESS OR IMPLIED, IS BASED ON KNOWLEDGE AND APPLIES ONLY TO THE PRODUCT LISTED. ENERLAB 2000 INC. DISCLAIMS ANY LEGAL RESPONSIBILITY FOR THE USE AND RELIABILITY OF THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET

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