MATERIAL SAFETY DATA SHEET

Technical Barrier Systems
151 Randall Street
Oakville, Ontario, Canada, L6J 1P5
(905) 842-9488

PRODUCT : **Pool Deck Coating**

SECTION 01 : PRODUCT INFORMATION

Supplier	Technical barrier Systems Inc.
Product Identifier	
TradeName	
Prepared by	Keith Seaman
Preparation Date	20-Mar-03
Revision #	
CEPA Status	All of the ingredients of this product are listed on the Domestic Substance List (DSL)
Chemical Family	Polymer latex emulsion
Chemical Formula	
Chemical Name	
Material Use	
Molecular Weight	
T.D.G. Classification	Non regulated
WHMIS Classification	

SECTION 02 : HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	EXPOSURE LEVELS	C.A.S.#	LD/50	ROUTE	SPECIES	LC/50	ROUTE	SPECIES
Ethylene Glycol	1-5%		107-21-1	50ppm		none	50ppm		
Diacetone Alcohol	1-5%		123-42-2	50ppm		none	50ppm		
Propylene Glycol Monomethyl Ether	1-5%		107-98-2	100ppm		150ppm	100ppm		
Ammonia	<0.2%		7664-41-7	25ppm		35ppm	25ppm		

SECTION 03 : PHYSICAL DATA

PHYSICAL STATE	
ODOUR/APPEARANCE	Pigmented liquid, mild ammoniacal
ODOUR THRESHOLD	N/A
VAPOUR PRESSURE	mmHg@20 C
VAPOUR DENSITY(AIR=1)	>Air
% VOLATILE:	ca. 7
BY VOLUME	
BY WEIGHT	
EVAPORATION RATE	N/A
BOILING POINT	(Water) 100 C
FREEZING POINT	N/A
pH	Alkaline
SPECIFIC GRAVITY	1.25
SOLUBILITY IN WATER(20C)	None
COEFFICIENT WATER/OIL DIST.	N/A

SECTION 04 : FIRE & EXPLOSION DATA

FLAMMABILITY	
IF YES, UNDER WHAT CONDITIONS	
MEANS OF EXTINCTION	
	(If water evaporates) Carbon dioxide, foam, dry chemical and water fog
SPECIAL PROCEDURES	
	At higher temperatures vapors can cause pressure build up in sealed containers. Use water to cool containers exposed to fire. (If water evaporates). Self-contained respirator equipment and full protective clothing required when smoke fumes are generated. Electrical grounding is not recommended.
FLASHPOINT AND METHOD	Non-combustible
AUTO IGNITION TEMPERATURE	Non-combustible
T.D.G.FLAMMABILITY CLASS	
UPPER EXPLOSION LIMIT	N/A

LOWER EXPLOSION LIMIT	N/A
HAZARDOUS COMBUSTION PRODUCTS	
EXPLOSION DATA	
SENSITIVITY TO STATIC	
DISCHARGE	
SENSITIVITY TO IMPACT	
RATE OF BURNING	
EXPLOSIVE POWER	

SECTION 05 : REACTIVITY DATA

CHEMICAL STABILITY	
STABLE?	Yes. Not sensitive to mechanical impact
CONDITIONS TO AVOID	
COMPATIBILITY W/OTHER SUBSTANCES	
YES	
INCOMPATIBLE MATERIALS	None known
REACTIVITY	
UNDER WHAT CIRCUMSTANCES	
HAZARDOUS PRODUCTS OF DECOMPOSITION	(If watwer evaporates) Oxides of carbon and nitrogen; various unknown hydrocarbons from incomplete combustion

SECTION 06 : TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY	Inhalation, dermal, ingestion
SKIN CONTACT	Prolonged or repeated exposure may cause skin irritation and redness.
SKIN ABSORPTION	Not expected to be absorbed through skin. Insufficient quantity to significantly increase overall toxicity.
EYE CONTACT	Contact can cause severe eye irritation.
INHALATION, ACUTE	Vapors can be irritating to nose and mucus membranes. High exposures may result in headaches
INHALATION, CHRONIC	Product does not contain carcinogenic materials as defined by OSHA Hazardous Communications Act 1910.1200
INGESTION	Intake can cause gastrointestinal irritation, nausea, diarrhea, and headache.
EFFECTS OF ACUTE EXPOSURE	
EFFECTS OF CHRONIC EXPOSURE	
LD 50 OF MATERIAL, SPECIES & ROUTE	
LC 50 OF MATERIAL, SPECIES & ROUTE	
EXPOSURE LIMIT OF MATERIAL	
IRRITATION CAUSED BY MATERIAL	
SENSITIZING CAPABILITY OF MATERIAL	
CARCINOGENICITY OF MATERIAL	
REPRODUCTIVE EFFECTS	Materials are not known mutagenic, teratogenic, or reproductive health hazards.
SYNERGISTIC MATERIALS	

SECTION 07 : PREVENTIVE MATERIALS

PROTECTIVE EQUIPMENT	
GLOVES/TYPE	Use rubber/latex gloves
RESPIRATORY/TYPE	Wear respirator protection whenever airborne concentrations exceed TLV ceilings or TWA, use NIOSH/OSHA approved respirators equipped with an organic vapor cartridge for listed hazard. Confined spaces, rooms, or tanks are areas where concern for TLV's is especially important. Reference OSHA Regulation CFR 29 1910.134 for recommended respiratory protection.
EYE/TYPE	Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side sheilds.
FOOTWEAR/TYPE	Selection of specific items such as boots will depend on operation
CLOTHING/TYPE	Selection of specific items such as apron will depend on operation
OTHER/TYPE	

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ENGINEERING CONTROLS	
	Ventilation is recommended. Air movement must be designed to ensure turnover at all locations in work area to avoid build up of heavy vapors.
SPILL/LEAK SPILL/LEAK	
WASTE DISPOSAL, METHOD AND EQUIPMENT	
HANDLING PROCEDURES AND EQUIPMENT	
STORAGE NEEDS	Keep from FREEZING. Store in cool dry place.
SPECIAL SHIPPING INSTRUCTIONS	

SECTION 08 : FIRST AID MEASURES

EYE CONTACT	Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek prompt medical attention.
SKIN CONTACT	Remove contaminated clothing. Wash throughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
INGESTION	Do not give liquid if victom is unconscious or very drowsy, otherwise, give no more than two glasses of water or milk and induce vomiting by 2 tablespoons Syrup of Ipecac or by touching finger to back of victim's throat. Keep victim's head below hips while vomiting. Seek medicial attention.
INHALATION	Remove victim from exposure. If difficulity with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek medical attention.
NOTES TO PHYSICIAN	

SECTION 09 : PREPARATION INFORAMTION

PHONE #	888-537-2888