

**MATERIAL SAFETY DATA SHEET**

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

PRODUCT : Pool Paint Thinner

**SECTION 01 : PRODUCT INFORMATION**

Supplier Technical Barrier Systems Inc.  
Product Identifier  
TradeName Pool Paint Thinner  
Prepared by Keith Seaman  
Preparation Date 1-Mar-05  
Revision #  
All of the ingredients of this product are listed on the Domestic Substance List (DSL)  
CEPA Status  
Chemical Family Petroleum aromatic hydrocarbon  
Chemical Formula  
Chemical Name  
Material Use  
Molecular Weight  
T.D.G. Classification UN 1307, Class 3 PG III ERG 130 Xylene  
WHMIS Classification Class B, Division 2: Flammable liquids, Class D, Division 2, Subdivision B: Toxic Material, Class D, Division 2, SubdivisionA: Very Toxic Material

**SECTION 02 : HAZARDOUS INGREDIENTS****HAZARDOUS INGREDIENTS, %, EXPOSURE LEVELS, C.A.S.#, LD/50, ROUTE, SPECIES, LC/50, ROUTE, SPECIES**

Xylene	100%	1330-20-7	4.3g/Kg oral rat	5.0g/kg skin rabbit	6,500 ppm rat
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**SECTION 03 : PHYSICAL DATA**

PHYSICAL STATE  
ODOUR/APPEARANCE Clear, colourless liquid  
ODOUR THRESHOLD Characteristic aromatic odour  
VAPOUR PRESSURE 2.8 kPa @ 38 C (100F)  
VAPOUR DENSITY (AIR=1) 3.7  
% VOLATILE:  
BY VOLUME 100  
BY WEIGHT  
EVAPORATION RATE (n-Butyl acetate = 1): 0.75  
BOILING POINT 138 C (281 F)  
FREEZING POINT  
pH  
SPECIFIC GRAVITY 0.87 @ 15.5/15.5 C (60/60 F)  
SOLUBILITY IN WATER (20C) <0.1% @ 20 C  
COEFFICIENT WATER/OIL DIST.

**SECTION 04 : FIRE & EXPLOSION DATA**

FLAMMABILITY 1.1 to 7% by volume  
IF YES, UNDER WHAT CONDITIONS

Use water spray to cool fire exposed surfaces and to protect personnel. Shut off fuel to fire if possible to do so without hazard. If a leak or spill has not ignited use water spray to disperse the vapours. Use foam or dry chemical to extinguish fire. Respiratory and eye protection required for fire fighting personnel. Avoid spraying water directly into storage containers due to danger of boilover. A self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of an SCBA may not be required.

MEANS OF EXTINCTION

SPECIAL PROCEDURES  
FLASHPOINT AND METHOD 28 C TCC  
AUTO IGNITION TEMPERATURE >350 C  
T.D.G.FLAMMABILITY CLASS  
UPPER EXPLOSION LIMIT  
LOWER EXPLOSION LIMIT  
HAZARDOUS COMBUSTION PRODUCTS Fumes, smoke and carbon monoxide  
EXPLOSION DATA  
SENSITIVITY TO STATIC  
DISCHARGE  
SENSITIVITY TO IMPACT  
RATE OF BURNING  
EXPLOSIVE POWER

**SECTION 05 : REACTIVITY DATA**

CHEMICAL STABILITY  
STABLE? Stable  
CONDITIONS TO AVOID Strong oxidizing agents  
COMPATIBILITY W/OTHER SUBSTANCES  
YES  
INCOMPATIBLE MATERIALS  
REACTIVITY  
UNDER WHAT CIRCUMSTANCES  
HAZARDOUS PRODUCTS OF  
DECOMPOSITION

**SECTION 06 : TOXICOLOGICAL PROPERTIES**

ROUTE OF ENTRY  
Frequent or prolonged contact may irritate the skin. Low toxicity. Brief contact with the liquid will not result in significant irritation unless evaporation is prevented.  
SKIN CONTACT  
SKIN ABSORPTION  
EYE CONTACT Irritating, but will not injure eye tissue.  
INHALATION, ACUTE  
High vapour concentrations are irritating to the eyes, nose, throat and lungs; may cause headaches and dizziness; may be anesthetic and may cause other central nervous systems effects. Negligible hazard at normal temperatures-up to 38 C.  
INHALATION, CHRONIC  
Small amounts of this liquid drawn into the lungs from swallowing or vomiting may cause severe health effects (e.g. bronchopneumonia or pulmonary edema). Low toxicity.  
INGESTION  
EFFECTS OF ACUTE EXPOSURE  
High exposures in some animal studies have been reported to cause health effects on the developing embryo/fetus. These effects were often at levels toxic to the mother. The significance of these findings to humans has not been determined.  
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  
SYNERGISTIC MATERIALS

**SECTION 07 : PREVENTIVE MATERIALS**

PROTECTIVE EQUIPMENT  
GLOVES/TYPE  
RESPIRATORY/TYPE  
EYE/TYPE  
FOOTWEAR/TYPE  
CLOTHING/TYPE  
OTHER/TYPE

**ENGINEERING CONTROLS**

The use of local exhaust ventilation is recommended to control emissions near the source. Laboratory samples should be handled in a fumehood. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

**SPILL/LEAK SPILL/LEAK**

Consult an expert on the disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill. Land Spill: Eliminate source of ignition. Keep public away. Prevent additional discharge of material, if possible to do so without hazard. Prevent spills from entering sewers, watercourses or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping (use an explosion proof motor or hand pump), or by using a suitable absorbent. Water Spill: Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in unconfined waters.

**WASTE DISPOSAL, METHOD AND EQUIPMENT****HANDLING PROCEDURES AND EQUIPMENT**

Keep container closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials. DO NOT handle or store near an open flame, sources of heat, or sources of ignition. Material will accumulate static charges which may cause an incendiary electrical charge. USE PROPER GROUNDING PROCEDURES. DO NOT pressurize, cut, heat, or weld empty containers. Empty product containers may contain product residue. DO NOT reuse empty containers without commercial cleaning or reconditioning.

**STORAGE NEEDS****SPECIAL SHIPPING INSTRUCTIONS****SECTION 08 : FIRST AID MEASURES****EYE CONTACT**

Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

**SKIN CONTACT**

Flush with large amounts of water. Use soap if available. Remove severely contaminated clothing (including shoes) and launder before reuse.

**INGESTION**

If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

**INHALATION**

In emergency situations use proper respiratory protection to immediately remove the affected victim from exposure. Administer artificial respiration if breathing stopped. Keep at rest. Call for prompt medical attention.

**NOTES TO PHYSICIAN****SECTION 09 : PREPARATION INFORMATION****PHONE #**

888-537-2888