

MATERIAL SAFETY DATA SHEET

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

PRODUCT : Sanpox EE



SECTION 01 : PRODUCT INFORMATION

Supplier Technical Barrier Systems Inc.
 Product Identifier
 TradeName SanpoxEE-Resin
 Prepared by Keith Seaman
 Preparation Date 12-Oct-02
 Revision #
 CEPA Status
 Chemical Family
 Chemical Formula
 Chemical Name
 Material Use Resurfacing material for concrete Curing Agent (Used with Base)
 Molecular Weight
 T.D.G. Classification Non Regulated
 WHMIS Classification Calss D, Div.2 Sub-Div. B

SECTION 02 : HAZARDOUS INGREDIENTS

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

NPTEL 128		25068-38-6	
NC 513	5ppm	68413-24-1	
Antifoam A	NJTS Reg	1119950000-5065P	Synthetic Hrdrocarbon
	NJTS Reg	11199500000-5002P	Diol Ester
Byk 361		64742-95-6	>4000MG/ILG Oral Rat
1246 Pigment		25085-99-8	N/A
		1333-86-4	8GM/KG Rat Oral
		68609-97-2	N/A
		13463-677	10,000 MG/KG N/A

SECTION 03 : PHYSICAL DATA

PHYSICAL STATE Paste
 ODOUR/APPEARANCE Light amber liquid
 ODOUR THRESHOLD N/A
 VAPOUR PRESSURE N/A
 VAPOUR DENSITY (AIR=1) Heavier than air
 % VOLATILE:
 BY VOLUME 0.00
 BY WEIGHT Not determined
 EVAPORATION RATE N/A
 BOILING POINT N/A
 FREEZING POINT N/A
 pH Ca 11
 SPECIFIC GRAVITY 1.97
 SOLUBILITY IN WATER (20C) N/A
 COEFFICIENT WATER/OIL DIST. N/A

SECTION 04 : FIRE & EXPLOSION DATA

FLAMMABILITY Non-flammable
 IF YES, UNDER WHAT CONDITIONS
 MEANS OF EXTINCTION Carbon Dioxide, Foam dry chemical, foam
 SPECIAL PROCEDURES Extinguish flam from perimeter inward to main body of fire. May not be obvious carbon black is burning unless stirred and sparks are apparent. Wear full protection equipment including a self-contained breathing apparatus.
 FLASHPOINT AND METHOD 252 degrees C (Pensky Martens closed cup)
 AUTO IGNITION TEMPERATURE Not known
 T.D.G. FLAMMABILITY CLASS Not Regulated



UPPER EXPLOSION LIMIT	Not known
LOWER EXPLOSION LIMIT	Not known
HAZARDOUS COMBUSTION PRODUCTS	Phenolics. Oxides of carbon (CO,CO2)
EXPLOSION DATA	
SENSITIVITY TO STATIC	Not known
DISCHARGE	
SENSITIVITY TO IMPACT	Protect against physical damage
RATE OF BURNING	N/A
EXPLOSIVE POWER	N/A

SECTION 05 : REACTIVITY DATA

CHEMICAL STABILITY	Stable under normal conditions
STABLE?	
CONDITIONS TO AVOID	Heat, sparks, flames
COMPATIBILITY W/OTHER SUBSTANCES	
YES	
INCOMPATIBLE MATERIALS	Acids and bases. Amines, oxidizing agents
REACTIVITY, UNDER WHAT CIRCUMSTANCES	Hazardous polymerization can occur. Masses of more than 1 pound of product plus an aliphatic amine will cause irreversable polymerization with considerable heat build up Oxides of carbon (CO,CO2), Phenolics
HAZARDOUS PRODUCTS OF DECOMPOSITION	

SECTION 06 : TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY	
SKIN CONTACT	May irritate. May cause skin sensitization, an allergic reaction which becomes evident on re-exposure to this material
SKIN ABSORPTION	None known
EYE CONTACT	May cause slight temporary irritation, corneal injury is unlikely
INHALATION, ACUTE	Vapours unlikely due to physical properties
INHALATION, CHRONIC	Refer to inhalation acute
INGESTION	Gastro-intestinal disturbances. Gastrointestinal irritation, nausea, vomiting and diarrhea.
EFFECTS OF ACUTE EXPOSURE	Refer to route of entry
EFFECTS OF CHRONIC EXPOSURE	Titanium dioxide: results of dupont epidemiology study showed that employees who had been exposed to titanium dioxide pigments were at no greater risk of developing lung cancer than were employees who had not been exposed to titanium dioxide pigments. Based on the results of this study Dupont concluded that TiO2 pigments will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.
LD 50 OF MATERIAL, SPECIES & ROUTE	Refer to hazardous ingredients section
LC 50 OF MATERIAL, SPECIES & ROUTE	Refer to hazardous ingredients section
EXPOSURE LIMIT OF MATERIAL	Refer to hazardous ingredients section
IRRITATION CAUSED BY MATERIAL	May cause eye and skin irritation
SENSITIZING CAPABILITY OF MATERIAL	May cause skin sensitization
CARCINOGENICITY OF MATERIAL	The ingredients of this product are not listed as carcinogens
REPRODUCTIVE EFFECTS	None known
SYNERGISTIC MATERIALS	None known

SECTION 07 : PREVENTIVE MATERIALS

PROTECTIVE EQUIPMENT	
GLOVES/TYPE	Chemical workers gloves are recommended If dusty conditions prevail, wear a properly fitted NIOSH-approved dust respirator.
RESPIRATORY/TYPE	
EYE/TYPE	Splash proof chemical goggles
FOOTWEAR/TYPE	Impervious footwear
CLOTHING/TYPE	Wear protective clothing to avoid personal contact



OTHER/TYPE	Emergency shower should be in close proximity. Eye wash facility should be in close proximity.
ENGINEERING CONTROLS	Mechanical ventilation suggested
SPELL/LEAK SPELL/LEAK	Confine spill. Transfer to secure containers where necessary. Collect using absorbent media. Flush area with hot water and detergent
WASTE DISPOSAL, METHOD AND EQUIPMENT	In accordance with Municipal, Provincial and Federal regulations
HANDLING PROCEDURES AND EQUIPMENT	Maintain good personal hygiene. Avoid contact with eyes. Avoid breathing vapours of heated materials. Avoid all skin contact. Avoid smoking, drinking or eating in use. Wash contaminated clothing before reuse
STORAGE NEEDS	Store in tightly closed containers. Store in a dry and well ventilated area. Store away from heat and ignition sources. Store away from incompatible materials. Store away from food and feed products.
SPECIAL SHIPPING INSTRUCTIONS	Protect against physical damage.

SECTION 08 : FIRST AID MEASURES

EYE CONTACT	Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate attention.
SKIN CONTACT	Wash immediately with mild soap and plenty of water. Remove all contaminated clothing and shoes immediately. Wash clothing before re-use.
INGESTION	Induce vomiting. Contact a physician
INHALATION	Remove affected victim to fresh air.
NOTES TO PHYSICIAN	

SECTION 09 : PREPARATION INFORMATION

PHONE #	888-537-2888
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