

**FLEX TILE LTD**  
**Material Safety Data Sheet**  
**FLEXEPOXY 100 - PART B**

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IN CASE OF EMERGENCY.

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<b>Material Identification and Use</b>	
PRODUCT IDENTIFIER.....	FLEXEPOXY 100 - PART B
PRODUCT USE.....	100% SOLIDS EPOXY GROUTING & SETTING COMPOUND
WHMIS CLASSIFICATION.....	CLASS D, DIVISION 2B CLASS E

**Hazardous Ingredients of Materials**

CHEMICAL IDENTITY	CONCENTRATION	CAS#/NA#/UN#	LD(50)	LC(50)
TETRAETHYLENE			ORL-RAT 205MG/KG	
PENTAMINE	0.5-1.5%	112-57-2	DML-RBT 660MG/KG	N/AV
TALL OIL FATTY ACID	4.5-6.0%	68953-36-6	N/AV	N/AV
BENZYL ALCOHOL	15-30%	100-51-6	ORL-RAT 1230MG/KG	
			DRM-RBT 2000MG/KG	N/AV

All ingredients are listed within or exempted from US TSCA and Canadian DSL

**Physical Data For Product**

PHYSICAL STATE.....	LIQUID
ODOUR AND APPEARANCE.....	AMMONIACAL, AMBER LIQUID
ODOUR THRESHOLD.....	NOT AVAILABLE
SPECIFIC GRAVITY.....	1.0 AT 77DEG F
VAPOUR DENSITY (air=1).....	NOT AVAILABLE
BOILING POINT.....	NOT AVAILABLE
pH.....	NOT AVAILABLE
CALCULATED VOC CONTENT	< 20 GRMS/LITRE

**Fire and Explosion Hazard of Product**

CONDITIONS OF FLAMMABILITY.....	
MEANS OF EXTINCTION.....	DRY SAND, DRY CHEMICAL, "ALCOHOL" FOAM, CARBON DIOXIDE.
FLASHPOINT AND METHOD OF DETERMINATION.....	195C (PENSKY MARTENS CLOSED CUP)
UPPER EXPLOSION LIMIT (% BY VOL)..	NOT AVAILABLE
LOWER EXPLOSION LIMIT (% BY VOL)..	NOT AVAILABLE
AUTO-IGNITION TEMPERATURE.....	NOT AVAILABLE
FLAMMABILITY CLASSIFICATION.....	NOT REGULATED
HAZARDOUS COMBUSTION PRODUCTS.....	TOXIC FUMES WILL EVOLVE WHEN THIS MATERIAL IS INVOLVED IN A FIRE.
EXPLOSION DATA.....	NOT AVAILABLE
SENSITIVITY TO STATIC DISCHARGE...	NOT AVAILABLE

**Reactivity Data**

CHEMICAL STABILITY.....	STABLE UNDER NORMAL CONDITIONS.
INCOMPATIBLE MATERIALS.....	AVOID BRINGING INTO CONTACT WITH STRONG OXIDIZING i.e. PERCHLORATES, NITRATES ETC. OR MINERAL ACIDS i.e. SULPHURIC, PHOSPHORIC ACIDS ETC..
CONDITIONS TO AVOID.....	EXPOSURE TO EXCESSIVE HEAT.
HAZARDOUS DECOMPOSITION PRODUCTS:	IRRITATING TOXIC FUMES AT ELEVATED TEMPERATURES i.e. CARBON MONOXIDE, CARBON DIOXIDE & OXIDES OF NITROGEN.

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## Toxicological Properties of Product

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**ROUTES OF ENTRY**

SKIN CONTACT.....	MAY CAUSE DRYNESS, DEFATTING, ITCHING AND/OR RASH.
SKIN ABSORPTION.....	MAY BE ABSORBED BY SKIN.
EYE.....	CAUSES TRANSIENT IRRITATION, REDNESS, AND DISCOMFORT.
INHALATION.....	IRRITATION OF RESPIRATORY TRACT.
INGESTION.....	MAY CAUSE DAMAGED TO MUCOUS MEMBRANE, NAUSEA UNLESS TREATED PROMPTLY.

ACUTE OVER EXPOSURE EFFECTS..... REFER TO ROUTE OF ENTRY.

CHRONIC OVER EXPOSURE EFFECTS..... PROLONGED OR REPEATED EXPOSURE MAY CAUSE ASTHMA AND SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSE.

EXPOSURE LIMITS..... NOT AVAILABLE

IRRITANCY OF PRODUCT..... EYE AND RESPIRATORY TRACT IRRITANT.

SENSITIZATION TO MATERIAL..... MAY CAUSE SKIN SENSITIZATION.

CARCINOGENICITY, REPRODUCTIVE EFFECTS..... NONE KNOWN

TERATOGENICITY, MUTAGENICITY..... NONE KNOWN

TOXICOLOGICALLY SYNERGISTIC PRODUCTS..... NONE KNOWN

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## Preventive Measures

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**PERSONAL PROTECTIVE EQUIPMENT.....**

WEAR IMPERMEABLE GLOVES, PROTECTIVE CREAMS, SPLASH-PROOF GOGGLES OR SAFETY SPECTACLES WITH SIDE SHIELDS. NIOSH APPROVED RESPIRATORY PROTECTION REQUIRED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL. FOR EMERGENCIES, A SELF-CONTAINED BREATHING APPARATUS OR A FULL-FACE RESPIRATOR IS RECOMMENDED.

VENTILATION..... BREATHING OF VAPOURS MUST BE AVOIDED.

VENTILATION MUST BE SUFFICIENT TO CONTROL VAPOURS. THIS MATERIAL SHOULD BE CONFINED AS FAR AS POSSIBLE WITHIN SEALED OR COVERED EQUIPMENT IN WHICH CASE, NORMAL VENTILATION SHOULD BE ADEQUATE. SPECIAL (LOCAL) VENTILATION WILL BE NEEDED IN AREAS WHERE VAPOURS ARE EXPECTED TO BE VENTED.

LEAK AND SPILL PROCEDURES: CONTAIN SPILL. ABSORB WITH SAND OR SAW DUST. PLACE IN CONTAINERS FOR DISPOSAL. FLUSH AREA WITH WATER SPRAY. AVOID CONTAMINATION OF GROUND AND SURFACE WATER. SHOULD CONTAMINATION OCCUR NOTIFY PROPER AUTHORITIES.

WASTE DISPOSAL..... DISPOSE IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL & FEDERAL REGULATIONS.

**HANDLING PROCEDURES AND EQUIPMENT:**

WEAR PROTECTIVE CLOTHING. OPEN ENCLOSED SPACES TO OUTSIDE ATMOSPHERE. AVOID CONTAMINATION OF GROUND OR SURFACE WATERS. POTENTIAL FOR CARBON MONOXIDE AND/OR NITROUS OXIDES GENERATION IN A FIRE MUST BE RECOGNIZED. MAINTAIN GOOD PERSONAL HYGIENE. WASH THOROUGHLY AFTER HANDLING. EXAMINE PROTECTIVE GLOVES BEFORE USING. DISCARD EVIDENCE OF CRACK OR HOLES. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPOURS OR MISTS. VENTILATE ADEQUATELY. OTHERWISE WEAR AN APPROPRIATE BREATHING APPARATUS. HANDLE AWAY FROM ALL SOURCES OF IGNITION. AVOID SMOKING. STORAGE REQUIREMENTS: STORE AWAY FROM INCOMPATIBLE MATERIALS, OXIDISING MATERIALS. STORE AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN A COOL, WELL-VENTILATED AND DRY PLACE.

SPECIAL SHIPPING INFORMATION: NOT REGULATED

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## First Aid Measures

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**SPECIFIC FIRST AID PROCEDURES.....**

EYE CONTACT: FLUSH WITH LUKE WARM WATER FOR 15 MINUTES, WHILE HOLDING EYELID APART TO ENSURE COMPLETE IRRIGATION OF ALL EYE AND LID TISSUE. CONSULT PHYSICIAN.

INGESTION: DO NOT INDUCE VOMITING. VOMITING WILL CAUSE FURTHER DAMAGE TO THE THROAT. GET MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR. CONTACT PHYSICIAN. IF NECESSARY ADMINISTER OXYGEN.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH SOAP & WATER. IF IRRITATION PERSIST, CONSULT A PHYSICIAN. WASH CONTAMINATED CLOTHING THOROUGHLY BEFORE RE-USE. DISCARD CONTAMINATED SHOES.

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**Preparation Date of Material Safety Data Sheet**

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PREPARED BY.....

CHIEF CHEMIST

PHONE NUMBER OF PREPARER.....

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DATE PREPARED.....

15 March 2011

Flextile Ltd. assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, Flextile Ltd., assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

...FLEXTILE LTD.