

FLEX TILE LTD
Material Safety Data Sheet
FLEXEPOXY 100 - PART A

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IN CASE OF EMERGENCY.

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Material Identification				
PRODUCT IDENTIFIER.....	FLEXEPOXY 100 - PART A			
PRODUCT USE.....	100% SOLIDS EPOXY GROUTING & SETTING COMPOUND			
WHMIS CLASSIFICATION.....	CLASS D, DIVISION 2A			

Hazardous Ingredients of Materials

CHEMICAL IDENTITY	%PERCENT	CAS#/NA#/UN#	OSHA(PEL)	ACGIH(TLV-TWA)
SILICA SAND	60-100%	13463-67-7	10 mg/m ³	0.1 mg/m ³
EPOXY RESIN	10-30 %	25068-38-6	N/E	N/E
NEODOL GLYCIDYL ETHER	3-7 %	120547-52-6	N/E	N/E
All ingredients are listed within or exempted from US TSCA and Canadian DSL				

Physical Data For Product

PHYSICAL STATE	PASTE		
ODOR AND APPEARANCE.	FAINT EPOXY ODOR		
ODOR THRESHOLD	N/D	SPECIFIC GRAVITY	1.83
VAPOR PRESSURE..	< 1.0 AT 20 ⁰ C	VAPOR DENSITY (air=1)	1.0 (HEAVIER THAN AIR)
EVAPORATION RATE	SLOWER THAN ETHER		
BOILING POINT	N/D	FREEZING POINT	N/D
pH	N/D	DENSITY (g/ml).	N/D
CALCULATED VOC CONTENT	< 20 GMS/LITRE		

Fire and Explosion Hazard of Product

CONDITIONS OF FLAMMABILITY.....	STABLE
MEANS OF EXTINCTION.....	FOAM, CO ₂ , DRY CHEMICAL.
FLASHPOINT AND METHOD OF DETERMINATION	>100 ⁰ C (T.C.C)
UPPER EXPLOSION LIMIT (% BY VOL)..	N/D
LOWER EXPLOSION LIMIT (% BY VOL)..	N/D
AUTO-IGNITION TEMPERATURE.....	N/D
SPECIAL FIRE-FIGHTING PROCEDURES..	MATERIAL WILL NOT BURN UNLESS PREHEATED. AVOID INHALATION OF SMOKE. DO NOT ENTER CONFINED FIRE SPACE WITHOUT ADEQUATE PROTECTIVE CLOTHING AND AN APPROVED POSITIVE SELF-CONTAINED BREATHING APPARATUS. USE WATER TO COOL FIRE EXPOSED CONTAINERS.
SENSITIVITY TO STATIC DISCHARGE...	NO

Reactivity Data

CHEMICAL STABILITY.....	STABLE
INCOMPATIBLE MATERIALS.....	NO SPECIFIC INCOMPATIBILITIES
CONDITIONS TO AVOID.....	EXCESSIVE HEAT OVER LONG PERIODS.

HAZARDOUS COMBUSTION/DECOMPOSITION PRODUCTS..

WHEN HEATED TO DECOMPOSITION, IT MAY EMIT TOXIC FUMES. CARBON DIOXIDE, CARBON MONOXIDE, ALDEHYDES AND ACIDS MAY BE FORMED DURING COMBUSTION. REACTION WITH SOME CURING AGENTS MAY PRODUCE CONSIDERABLE HEAT WHICH COULD CHAR THE REACTION MASS AND PRODUCE FUMES AND VAPOURS IF UNKNOWN COMPOSITION.

Toxicological Properties of Product

ROUTES OF ENTRY

EXPOSURE MAY OCCUR VIA INHALATION, INGESTION OR THROUGH SKIN CONTACT. THIS PRODUCT IS EXPECTED TO BE A SKIN SENSITIZER, AS WELL AS IRRITATING TO BOTH THE SKIN AND EYE.

SUPPLEMENTAL HEALTH INFORMATION...

PRODUCT IRRITATING TO THE SKIN AND EYES. VAPORS ARE MODERATELY IRRITATING TO THE EYES AND RESPIRATORY PASSAGES. PROLONGED AND REPEATED CONTACT WITH SKIN CAN CAUSE DEFATTING AND DRYING OF THE SKIN RESULTING IN SKIN IRRITATION AND DERMATITIS. SKIN SENSITIZATION MAY OCCUR FOLLOWING REPEATED CONTACT. PREEXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. PREEXISTING SKIN OR LUNG ALLERGIES MAY INCREASE THE CHANCE OF DEVELOPING INCREASED ALLERGY SYMPTOMS FROM EXPOSURE TO THIS PRODUCT.

Preventive Measures

PERSONAL PROTECTIVE EQUIPMENT.....

EYES AND FACE:

SKIN (HANDS, ARMS AND BODY):

SAFETY GLASSES TO PROTECT EYES AND FACE.

IMPERVIOUS GLOVES SHOULD BE WORN AT ALL TIMES WHEN HANDLING THIS PRODUCT. IMPERVIOUS CLOTHING SHOULD BE WORN WHERE RISK OF SKIN EXPOSURE IS MUCH HIGHER.

VENTILATION.....

VENTILATION MUST BE SUFFICIENT TO CONTROL VAPOURS. LOCAL VENTILATION IS RECOMMENDED.

LEAK AND SPILL PROCEDURES.....

ABSORB WITH SAND, SAWDUST.

WASTE DISPOSAL.....

DISPOSE IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL & FEDERAL REGULATIONS.

HANDLING PROCEDURES AND EQUIPMENT.....

AVOID SKIN CONTACT.

STORAGE REQUIREMENTS..... STORE AT ROOM TEMPERATURE

SPECIAL SHIPPING INFORMATION.....

THIS PRODUCT IS NOT REGULATED UNDER TDG

First Aid Measures

SPECIFIC FIRST AID PROCEDURES.....

SKIN..... WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING.

EYES..... FLUSH EYES WITH PLENTY OF WATER. GET IMMEDIATE MEDICAL ATTENTION.

INHALATION.... REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION AND SEEK MEDICAL ATTENTION.

INGESTION..... DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Preparation Date of Material Safety Data Sheet

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.

N/D = NOT DETERMINED