

**FLEX TILE LTD**  
**Material Safety Data Sheet**

**FLEXTECH 300**

**Material Identification and Use**

MANUFACTURER/SUPPLIER'S NAME..... **FLEX TILE LTD.**  
 MANUFACTURER'S ADDRESS..... **121-30TH STREET, ETOBICOKE, ONT. M8W 3C1**  
 MANUFACTURER'S PHONE NUMBER..... **(416) 255-1111 TollFree 1-800-699-3623 FAX: (416)255-1729**  
 IN CASE OF CHEMICAL EMERGENCY..... **CALL CANUTEC (613) 996-6666**  
 PRODUCT IDENTIFIER..... **FLEXTECH 300**  
 PRODUCT USE..... **INSTALL VCT, VINYL TILE, AND CARPET**  
 WHMIS CLASSIFICATION..... **D.2E**

**Hazardous Ingredients of Materials**

CHEMICAL IDENTITY	CONC.	CAS#/NA#/UN#	ACGIH TLV	OSHA PEL
PORTLAND CEMENT	30-40 %	65997-15-1	10mg/m <sup>3</sup>	50mppcf
LIMESTONE	40-50 %	1317-65-3	10mg/m <sup>3</sup>	5mg/m <sup>3</sup>

Substances listed are those identified as being health hazards and present at a concentration of 1.0% or higher, or 0.1% if the substance is on the list of potential carcinogens cited in the OSHA Hazard Communication Standard.

**Physical Data For Product**

PHYSICAL STATE.....	<b>POWDER</b>		
ODOUR AND APPEARANCE.....	<b>WHITE POWDER, NO ODOUR.</b>		
ODOUR THRESHOLD.....	N/D	SPECIFIC GRAVITY.....	1.2 - 1.6
VAPOUR PRESSURE.....	N/D	VAPOUR DENSITY (air=1).....	N/D
EVAPORATION RATE.....	N/D	BOILING POINT.....	N/D
FREEZING POINT.....	N/D	pH.....	11 when wet
DENSITY (g/ml).....	N/D	SOLUBILITY IN WATER	INSOLUBLE
CALCULATED COV.....	0 gm/L		

**Fire and Explosion Hazard of Product**

CONDITIONS OF FLAMMABILITY.....	<b>STABLE</b>
MEANS OF EXTINCTION.....	<b>NOT APPLICABLE</b>
FLASHPOINT AND METHOD OF DETERMINATION.....	<b>NOT FLAMMABLE OR COMBUSTIBLE</b>
UPPER EXPLOSION LIMIT (% BY VOL)..	<b>NOT APPLICABLE</b>
LOWER EXPLOSION LIMIT (% BY VOL)..	<b>NOT APPLICABLE</b>
AUTO-IGNITION TEMPERATURE.....	<b>NOT APPLICABLE</b>
FLAMMABILITY CLASSIFICATION.....	<b>NON-FLAMMABLE</b>
HAZARDOUS COMBUSTION PRODUCTS.....	<b>NOT DETERMINED</b>
EXPLOSION DATA.....	<b>NOT APPLICABLE</b>
SENSITIVITY TO STATIC DISCHARGE...	<b>NOT DETERMINED</b>

**Reactivity Data**

CHEMICAL STABILITY.....	<b>STABLE</b>
INCOMPATIBLE MATERIALS.....	<b>N/D</b>
CONDITIONS TO AVOID.....	<b>KEEP DRY UNTIL USED</b>
HAZARDOUS DECOMPOSITION PRODUCTS..	<b>NONE</b>
HAZARDOUS POLYMERIZATION	<b>WILL NOT OCCUR</b>

**Toxicological Properties of Product**

THE HAZARDOUS INGREDIENTS WHEN IN CONTACT WITH WATER PRODUCE AN ALKALINITY LEVEL OF pH 10 TO pH 12. THIS LEVEL OF ALKALINITY CAN CAUSE SKIN AND EYE IRRITATION.

ROUTES OF ENTRY: **SKIN CONTACT, EYE CONTACT, INHALATION, INGESTION.**

EFFECTS OF ACUTE EXPOSURE :

**CEMENT AND WET CEMENT MIXTURES CAN DRY SKIN, CAUSE ALKALI BURNS, IRRITATE THE EYES AND THE UPPER RESPIRATORY TRACT. INGESTION CAN CAUSE IRRITATION OF THE THROAT.**

# FLEXTECH 300

## EFFECTS OF CHRONIC EXPOSURE:

CEMENT DUST CAN CAUSE INFLAMMATION OF THE TISSUE LINING, THE INTERIOR OF THE NOSE, AND THE CORNEA (WHITE) OF THE EYE. HYPER SENSITIVE PEOPLE MAY DEVELOPED ALLERGIC DERMATITIS.

EXPOSURE LIMITS.....	CEMENT:	10 mg/m3 TWAEV (TOTAL DUST)
	CALCIUM CARBONATE:	0.2mg/m3 TWAE (RESPIRABLE SILICA)
IRRITANCY OF PRODUCT.....		N/D
SENSITIZATION TO MATERIAL.....		N/D
CARCINOGENICITY, REPRODUCTIVE EFFECTS.....		N/D
TERATOGENICITY, MUTAGENICITY.....		N/D
TOXICOLOGICALLY SYNERGISTIC PRODUCTS.....		N/D

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## Preventive Measures

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### PERSONAL PROTECTIVE EQUIPMENT.....

USE APPROVED (OHS) DUST RESPIRATOR WHEN MIXING. USE A LOCAL VENTILATION. WEAR IMPERVIOUS RUBBER GLOVES. WEAR A FACE SHIELD OR SAFETY GLASSES WITH SHIELDS.

### VENTILATION.....

VENTILATION SHOULD BE SUFFICIENT IN VOLUME AND DISTRIBUTION TO MAINTAIN DUST EXPOSURE BELOW THE TWAEV.

### LEAK AND SPILL PROCEDURES.....

PICK UP SOLIDS. AVOID DUSTS ACCUMULATION. MOP UP OR ABSORB WITH AN INERT MATERIAL. SCRAPE UP AND DISPOSE INTO A DISPOSAL CONTAINER.

### WASTE DISPOSAL.....

DISPOSE OF WASTE BY BURIAL. SEND TO AN APPROVED SITE.

### HANDLING PROCEDURES AND EQUIPMENT.

WEAR AN EYE PROTECTION APPARATUS. AVOID PROLONGED OR REPEATED SKIN CONTACT. AVOID BREATHING OF VAPOURS.

### STORAGE REQUIREMENTS..... STORE IN A DRY AREA.

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## First Aid Measures

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### SPECIFIC FIRST AID PROCEDURES.....

FLUSH EYES AND CONTAMINATED SKIN WITH ABUNDANT WATER. SEEK MEDICAL ATTENTION. IF INGESTED, DRINK PLENTY OF WATER AND CONSULT A PHYSICIAN. IN CASE OF DISCOMFORT BY VAPOURS OR DUSTS, MOVE TO A VENTILATED AREA. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.

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## Preparation Date of Material Safety Data Sheet

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PREPARED BY.....	CHIEF CHEMIST
PHONE NUMBER OF PREPARER.....	416-255-1111 FAX: 416-255-1729
DATE PREPARED.....	August 10, 2009

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