

# FLEXILE LTD

## Material Safety Data Sheet

### POLYMER MODIFIED FLOOR GROUT (100 & 600 SERIES)

#### Material Identification and Use

MANUFACTURER/SUPPLIER'S NAME.....	FLEXILE LTD.
MANUFACTURER'S ADDRESS.....	121-30TH STREET, ETOBICOKE, ONT. M8W 3C1
MANUFACTURER'S PHONE NUMBER.....	(416) 255-1111 Toll-Free 1-800-699-3623 FAX: (416)255-1729
IN CASE OF CHEMICAL EMERGENCY.....	CALL CANUTEC (613) 996-6666
PRODUCT IDENTIFIER.....	P.M. FLOOR GROUT (100 & 600 SERIES)
PRODUCT USE.....	MORTAR; USED IN CONSTRUCTION
WHMIS CLASSIFICATION.....	NOT CONTROLLED PRODUCT (CONSUMER PRODUCT)

#### Hazardous Ingredients of Materials

CHEMICAL IDENTITY	CONC.	CAS#/NA#/UN#	ACGIH TLV	OSHA PEL
PORTLAND CEMENT	35-40 %	65997-15-1	10mg/m <sup>3</sup>	50mppcf
SILICA SAND	55-60 %	14808-60-7	N/D	0.1 mg/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.....	POWDER			
ODOUR AND APPEARANCE.....	COLOURED POWDER, NO ODOUR.			
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	

#### Fire and Explosion Hazard of Product

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

#### Reactivity Data

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

#### Toxicological Properties of Product

THE HAZARDOUS INGREDIENTS WHEN IN CONTACT WITH WATER PRODUCE AN ALKALINITY LEVEL OF pH 10 TO pH 11. 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.

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**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.

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

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### Preventive Measures

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#### PERSONAL PROTECTIVE EQUIPMENT.....

USE APPROVED (OHSA) 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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<b>PREPARED BY.....</b>	<b>CHIEF CHEMIST</b>
<b>PHONE NUMBER OF PREPARER.....</b>	<b>(416) 255-1111 FAX: (416) 255-1729</b>
<b>DATE PREPARED.....</b>	<b>November 10, 2003</b>

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