

**FLEXTILE LTD**  
**Material Safety Data Sheet**

**DRY PACK MORTAR MIX**

**Material Identification and Use**

MANUFACTURER/SUPPLIER'S NAME..... FLEXTILE 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 (631) 996-6666  
 PRODUCT IDENTIFIER..... DRY PACK MORTAR MIX  
 PRODUCT USE..... USED IN CONSTRUCTION  
 WHMIS CLASSIFICATION..... D.2 E

**Hazardous Ingredients of Materials**

CHEMICAL IDENTITY	CONC.	CAS#/NA#/UN#	ACGIH TLV	OSHA PEL
PORTLAND CEMENT	25-35 %	65997-15-1	10mg/m <sup>3</sup>	50mppcf
SILICA SAND	70-80 %	14808-60-7	N/D	0.1 mg/m <sup>3</sup>

THIS PRODUCT CONTAINS NO HAZARDOUS INGREDIENT AS DEFINED BY US OSHA HAZARD COMMUNICATION STANDARD - 29 CFR 1910.1200 OR SECTION 13 OF THE CANADIAN HAZARDOUS PRODUCT ACT.

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

**Physical Data For Product**

PHYSICAL STATE.....	POWDER		
ODOUR AND APPEARANCE.....	GREY DRY MIX, 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
COV	0 gm/L		

**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

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**Toxicological Properties of Product**

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**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.**

**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. REPEATED INHALATION OF DUST MAY RESULT IN SILICOSIS.**

**CARCINOGENICITY NTP – YES IARC – YES OSHA – YES**

**CRYSTALLINE SILICA – IARC GROUP 1 AGENT**

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**Preventive Measures**

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

**USE APPROVED (OHSA) DUST RESPIRATOR RATED N95 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 IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.**

**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 7, 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**