

FLEX TILE LTD

Material Safety Data Sheet

59 FLEXFLO SELF-LEVELLING UNDERLAYMENT

MANUFACTURER:
ONTARIO
121-30th Street,
Etobicoke, ON.
M8W 3C1
Tel: (416) 255-1111
FAX: (416) 255-1729
IN CASE OF EMERGENCY.

FLEX TILE LTD.
QUEBEC
555, Rue Locke
Ville St. Laurent, QC
H4T 1X7
Tel: (514) 345-6666
FAX: (514) 345-8825
CALL CANUTEC (613) 996-6666

BRITISH COLUMBIA
2829 Lake City Way
Burnaby, BC
V5A 2Z6
Tel: (604) 420-4914
FAX: (604) 420-0936

Material Identification

PRODUCT IDENTIFIER..... 59 FLEXFLO SELF-LEVELLING UNDERLAYMENT
WHMIS CLASSIFICATION..... D.2E

Hazardous Ingredients of Materials

CHEMICAL IDENTITY	CONC.	CAS#/NA#/UN#	ACGIH TLV	OSHA PEL
PORTLAND CEMENT	5-10%	65997-15-1	15mg/m ³	10 mg/m ³
CALCIUM ALUMINATE CEMENT	10-30%	65997-16-2	15mg/m ³	10 mg/m ³
SABLE DE SILIQUE	40-70%	14808-60-7	10mg/m ³	0.1mg/m ³
CALCIUM CARBONATE	10-20%	1317-65-3	5mg/m ³	10 mg/m ³
GYPSUM	5-10%	13397-24-5	15mg/m ³	10 mg/m ³

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.....	DARK GREY DRY MIX, CEMENT 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
CALCULATED VOC CONTENT	0 gm/L		

Fire and Explosion Hazard of Product

CONDITIONS OF FLAMMABILITY.....	STABLE
MEANS OF EXTINCTION.....	NOT APPLICABLE
FLASHPOINT AND METHOD OF DETERMINATION.....	>150C
UPPER EXPLOSION LIMIT (% BY VOL)..	NOT DETERMINED
LOWER EXPLOSION LIMIT (% BY VOL)..	NOT DETERMINED
AUTO-IGNITION TEMPERATURE.....	>150C
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.....	N/D
HAZARDOUS DECOMPOSITION PRODUCTS..	N/D

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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.

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

Preventive Measures

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.

SPECIAL SHIPPING INFORMATION..... NOT REGULATED

First Aid Measures

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.

Preparation Date of Material Safety Data Sheet

PREPARED BY.....

CHIEF CHEMIST

PHONE NUMBER OF PREPARER.....

416-255-1111 FAX: 416-255-1729

DATE PREPARED.....

3 Feb., 2014

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.

...FLEX TILE LTD.

N/D = NOT DETERMINED