

**FLEXTILE LTD**  
**Material Safety Data Sheet**  
**DUOFLEX 90 PREMIUM WHITE CERAMIC TILE ADHESIVE**

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| MANUFACTURER:  | FLEXTILE LTD.   |  |
| <u>ONTARIO</u>   | <u>QUEBEC</u>   | <u>BRITISH COLUMBIA</u>  |
| 121-30th Street,<br>Etobicoke, ON.<br>M8W 3C1<br>Tel: (416) 255-1111<br>FAX: (416) 255-1729<br>IN CASE OF EMERGENCY. | 555, Rue Locke<br>Ville St. Laurent, QC<br>H4T 1X7<br>Tel: (514) 345-6666<br>FAX: (514) 345-8825<br>CALL CANUTEC (613) 996-6666 | 2829 Lake City Way<br>Burnaby, BC<br>V5A 2Z6<br>Tel: (604) 420-4914<br>FAX: (604) 420-0936 |

**Material Identification**

|                           |  |
|---------------------------|--|
| PRODUCT IDENTIFIER.....   | DUOFLEX 90 PREMIUM WHITE CERAMIC TILE ADHESIVE |
| WHMIS CLASSIFICATION..... | NOT A CONTROLLED PRODUCT                       |

**Hazardous Ingredients of Materials**

| CHEMICAL IDENTITY   | CONC. | CAS#/NA#/UN# | LD(50) | LC(50) |
|---|-------|--------------|--------|--------|
| 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.....         | VISCOUS LIQUID               |
| ODOUR AND APPEARANCE.....   | OFF-WHITE PASTE, MILD ODOUR. |
| ODOUR THRESHOLD.....        | N/D                          |
| SPECIFIC GRAVITY.....       | 1.3 - 1.4                    |
| VAPOUR PRESSURE.....        | NOT AVAILABLE                |
| VAPOUR DENSITY (air=1)..... | N/D                          |
| EVAPORATION RATE.....       | AS FOR WATER                 |
| BOILING POINT.....          | 100C                         |
| FREEZING POINT.....         | N/D                          |
| pH.....                     | 8 - 9                        |
| DENSITY (g/ml).....         | N/D                          |
| CALCULATED VOC CONTENT      | 0 gm/litre                   |

**Fire and Explosion Hazard of Product**

|  |                     |
|--|---------------------|
| CONDITIONS OF FLAMMABILITY.....        | STABLE              |
| MEANS OF EXTINCTION.....               | WATER, CO2          |
| FLASHPOINT AND METHOD OF DETERMINATION | N/D                 |
| UPPER EXPLOSION LIMIT (% BY VOL)..     | N/D                 |
| LOWER EXPLOSION LIMIT (% BY VOL)..     | N/D                 |
| AUTO-IGNITION TEMPERATURE.....         | N/D                 |
| FLAMMABILITY CLASSIFICATION.....       | NON-FLAMMABLE PASTE |
| HAZARDOUS COMBUSTION PRODUCTS....      | N/D                 |
| EXPLOSION DATA.....                    | NON-EXPLOSIVE       |
| SENSITIVITY TO STATIC DISCHARGE...     | N/D                 |

**Reactivity Data**

|                                    |                    |
|------------------------------------|--------------------|
| CHEMICAL STABILITY.....            | STABLE             |
| INCOMPATIBLE MATERIALS.....        | N/D                |
| CONDITIONS TO AVOID.....           | N/D                |
| HAZARDOUS DECOMPOSITION PRODUCTS.. | CO, CO2 AND FUMES. |

DUOFLEX 90 ACRYLIC-BASED CERAMIC ADHESIVE

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**Toxicological Properties of Product**

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ROUTES OF ENTRY

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| SKIN CONTACT.....                          | MAY CAUSED IRRITATION ON PROLONGED CONTACT. |
| SKIN ABSORPTION.....                       | N/D.  |
| EYE.....                                   | MAY CAUSE IRRITATION.                       |
| INHALATION.....                            | MAY CAUSE HEADACHE AND NAUSEA.              |
| INGESTION.....                             | MAY CAUSE DISCOMFORT.                       |
| ACUTE OVER EXPOSURE EFFECTS.....           | AS ABOVE                                    |
| CHRONIC OVER EXPOSURE EFFECTS.....         | N/D   |
| EXPOSURE LIMITS.....                       | N/D   |
| 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..... | RUBBER GLOVES.  |
| VENTILATION.....                   | USE LOCAL (EXHAUST) VENTILATION.  |
| LEAK AND SPILL PROCEDURES.....     | ABSORB WITH PAPER, SAND OR SAWDUST. PLACE IN A CONTAINER.                                   |
| WASTE DISPOSAL.....                | DISCARD OR DISPOSE OF WASTE IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL & FEDERAL REGULATIONS. |
| HANDLING PROCEDURES AND EQUIPMENT. | AVOID EYE AND SKIN CONTACT.   |
| STORAGE REQUIREMENTS.....          | PROTECT FROM FREEZING.  |
| SPECIAL SHIPPING INFORMATION.....  | NOT REGULATED   |

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**First Aid Measures**

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| SPECIFIC FIRST AID PROCEDURES..... | FLUSH EYES WITH ABUNDANT WATER. WASH SKIN WITH SOAP AND WATER. IN CASE OF INGESTION, SEEK MEDICAL ATTENTION. |
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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.....            | 26 Oct., 2016                      |

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.

...FLEXITILE LTD.  
N/D = NOT DETERMINED