

**FLEXILE LTD**  
**Material Safety Data Sheet**

**DUOFLEX 90 ACRYLIC-BASED CERAMIC ADHESIVE**

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**Material Identification and Use**

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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.....	DUOFLEX 90 ACRYLIC-BASED CERAMIC ADHESIVE
PRODUCT USE.....	INSTALLATION OF CERAMIC TILE.
WHMIS CLASSIFICATION.....	NOT A CONTROLLED PRODUCT

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**Hazardous Ingredients of Materials**

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CHEMICAL IDENTITY	CONC.	CAS#/NA#/UN#	LD(50)	LC(50)
<b>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.</b>				
All ingredients are listed within or exempted from US TSCA and Canadian DSL.				

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**Physical Data For Product**

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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	0 gm/litre

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**Fire and Explosion Hazard of Product**

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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

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**Reactivity Data**

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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

Toxicological Properties of Product

ROUTES OF ENTRY

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

Preventive Measures

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

First Aid Measures

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

PREPARED BY.....	CHIEF CHEMIST
PHONE NUMBER OF PREPARER.....	(416) 255-1111 FAX: (416) 255-1729
DATE PREPARED.....	4 August 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.

...FLEXITILE LTD.

N/D = NOT DETERMINED