

FLEXITILE LTD
Material Safety Data Sheet
1251-V COVE BASE ADHESIVE

MANUFACTURER:	FLEXITILE LTD.	
<u>ONTARIO</u>	<u>QUEBEC</u>	<u>BRITISH COLUMBIA</u>
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Material Identification

PRODUCT IDENTIFIER.....	1251-V COVE BASE ADHESIVE
WHMIS CLASSIFICATION.....	NOT WHMIS CONTROLLED - CONSUMER PRODUCT

Hazardous Ingredients of Materials

CHEMICAL IDENTITY	CONCENTRATION	CAS#/NA#/UN#	LD(50)	LC(50)
ETHYLENE GLYCOL	1%	107-21-1	ORL-RAT 4700mg/KG SKN-RBT 9530mg/KG	10.9mg/kg (RAT)

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.....	SLIGHT ODOUR, CREAM-COLOURED PASTE
ODOUR THRESHOLD.....	NOT DETERMINED
SPECIFIC GRAVITY.....	1.13
VAPOUR PRESSURE.....	N/D
VAPOUR DENSITY (air=1).....	N/D
EVAPORATION RATE.....	N/D
BOILING POINT.....	100 C
FREEZING POINT.....	N/D
PH.....	6 - 7.5
CALCULATED VOC.....	< 33 gm/litre

Fire and Explosion Hazard of Product

CONDITIONS OF FLAMMABILITY.....	NON-COMBUSTIBLE
MEANS OF EXTINCTION.....	WATER FOG - DRIED POLYMER ONLY
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
HAZARDOUS COMBUSTION PRODUCTS.....	CO ₂ , CO, FUMES
EXPLOSION DATA.....	N/D
SENSITIVITY TO STATIC DISCHARGE...	N/D

Reactivity Data

CHEMICAL STABILITY.....	STABLE
INCOMPATIBLE MATERIALS.....	STRONG ACIDS, STRONG BASES & STRONG OXIDISING AGENTS.
CONDITIONS TO AVOID.....	MAY COAGULATE IF FROZEN.
HAZARDOUS DECOMPOSITION PRODUCTS..	BURNING MAY PRODUCE CO AND/OR CO ₂ .
HAZARDOUS POLYMERIZATION.....	WILL NOT OCCUR.

Toxicological Properties of Product

ROUTES OF ENTRY

SKIN CONTACT..... MAY CAUSE IRRITATION ON PROLONGED CONTACT

SKIN ABSORPTION.... NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION.

EYE..... MAY CAUSE IRRITATION

INHALATION..... MAY CAUSE HEADACHE, NAUSEA, VOMITING AND IRRITATION OF THE RESPIRATORY TRACT.

INGESTION..... MAY CAUSE ABDOMINAL DISCOMFORT OR PAIN, NAUSEA AND VOMITING. MAY BE FATAL IF LARGE VOLUMES ARE SWALLOWED.

EFFECTS OF ACUTE EXPOSURE REFER TO ROUTE OF ENTRY.

EFFECTS OF CHRONIC EXPOSURE.....

REPEATED CONTACT WITH SKIN MAY CAUSE DERMATITIS IN SENSITIVE INDIVIDUALS. PROLONGED INHALATION MAY PRODUCE SIGN OF CENTRAL NERVOUS SYSTEM INVOLVEMENT, PARTICULARLY DIZZINESS AND NYSTAGMUS.

EXPOSURE LIMITS.....

COMPONENT	T.L.V.(PPM)
ETHYLENE GLYCOL	50

IRRITANCY OF PRODUCT..... N/D

SENSITIZATION TO MATERIAL..... N/D

CARCINOGENICITY, REPRODUCTIVE EFFECTS:

NO EVIDENCE THAT IT HAS CAUSED BIRTH DEFECTS IN HUMANS.

TERATOGENICITY, MUTAGENICITY..... MINIMAL EVIDENCE OF TERATOGENICITY.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS..... N/D

Preventive Measures

PERSONAL PROTECTIVE EQUIPMENT:-

GLOVES/ TYPE..... PVC, NEOPRENE OR RUBBER.

RESPIRATORY/TYPE.. NIOSH OR MSHA APPROVED BREATHING AIR EQUIPMENT OR FACE MASK WITH ORGANIC VAPOUR CARTRIDGE.

EYE/TYPE..... FACE SHIELD.

ENGINEERING CONTROLS... GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST CONDITIONS.

LEAK AND SPILL..... ABSORB WITH PAPER, SAND OR SAWDUST.

WASTE DISPOSAL..... IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL & FEDERAL REGULATIONS

HANDLING PROCEDURES... AVOID EYE CONTACT, REPEATED OR PROLONGED SKIN CONTACT AND INHALING VAPOURS

STORAGE REQUIREMENTS... STORE AWAY FROM FREEZING

SPECIAL SHIPPING INFORMATION.....NOT REGULATED

First Aid Measures

FIRST AID PROCEDURES...

IMMEDIATELY FLUSH EYES WITH ABUNDANT WATER FOR AT LEAST 15 MINUTES, FORCIBLY HOLDING EYELIDS APART. SEEK MEDICAL ATTENTION. IN CASE OF INHALATION, REMOVE TO FRESH AIR. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IN CASE OF SKIN CONTACT, REMOVE ANY CONTAMINATED CLOTHING AND WASH AFFECTED AREA WITH SOAP & WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IN CASE OF INGESTION, DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

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.

...FLEXTILE LTD.

N/D = NOT DETERMINED