

SECTION 1 – MATERIAL IDENTIFICATION

MATERIAL SAFETY DATA SHEET # 573330B-11

MATERIAL NAME IDENTIFIER Viva Cap (All Colours) & Materials				HAZARD RATING (MAX 4) (MIN 0)	
MANUFACTURER'S NAME Viva Healthcare Packaging (Canada) Ltd.		SUPPLIER'S NAME Viva Healthcare Packaging (Canada) Ltd.		1	0
STREET ADDRESS 1663 Neilson Road		STREET ADDRESS 1663 Neilson Road		FLAMMABILITY	REACTIVITY
CITY Scarborough	PROVINCE Ontario	CITY Scarborough	PROVINCE Ontario	0	0
POSTAL CODE M1X 1T1	EMERGENCY TELEPHONE NUMBER 416-321-0622	POSTAL CODE M1X 1T1	EMERGENCY TELEPHONE NUMBER 416-321-0622	HEALTH	PERSONAL PROTECTION
CHEMICAL NAME Polymer		CHEMICAL FAMILY Polyolefin		CHEMICAL FORMULA Polymeric Resin	
MOLECULAR WEIGHT High Molecular Weight Resin		TRADE NAME AND SYNONYMS Plastic Resin		MATERIAL USE Healthcare Packaging Products	

SECTION 2 – PREPARATION INFORMATION

PREPARED BY Peter Mladenovich, Cambridge Materials Testing Ltd.	DATE OF PREPARATION April 14, 2011	TELEPHONE NUMBER 905-812-3856
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SECTION 3 – HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION %	C.A.S. NUMBER OR U.N. NUMBERS	EXPOSURE LIMITS	LD50/LC50 (SPECIFY SPECIES & ROUTE)
Polypropylene <u>Note:</u> This product has WHIMIS classification of "Not Controlled" None of the ingredients of this product are on the Health and Safety Reporting List	>95	9010-79-1	Not Available	Not Available

WHIMIS HAZARD CLASS SYMPO (FOR WHIMIS LABELS)



A _____



B _____



C _____



D1 _____



D2 _____



D3 _____



E _____



F _____

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SECTION 4-PHYSICAL DATA FOR MATERIAL			M.S.D.S. # 573330B-11	
PHYSICAL STATE GAS LIQUID SOLID X	ODOUR & APPEARANCE Odourless, Opaque / Clear Resin		ODOUR THRESHOLD (ppm) Not Applicable	SPECIFIC GRAVITY 0.85 – 0.95
VAPOUR PRESSURE Not Applicable	VAPOUR DENSITY (AIR*1) Not Applicable	EVAPORATION RATE Not Applicable	BOILING POINT (°C) Not Applicable	FREEZING POINT (°C) Not Applicable
SOLUBILITY IN WATER (20°C) Not Applicable	% VOLATE BY VOLUME Not Applicable	pH Not Applicable	DENSITY (g/ml) 0.85 – 0.95	COEFFICIENT OF OIL/WATER DISTRIBUTION Not Applicable
SECTION 5-FIRE AND EXPLOSION HAZARD OF MATERIAL				
FLAMMABILITY YES NO X	IF YES, UNDER WHAT CONDITIONS	The material is not flammable, however, it is combustible.		
MEANS OF EXTINCTION Extinguishing may include: water mist, foam, CO ₂ and dry chemicals				
SPECIAL PROCEDURES In case of fire where material is stored, wear full protective equipment including self contained breathing apparatus.				
HAZARDOUS COMBUSTION PRODUCTS Carbon Dioxide, Carbon Monoxide and Aldehydes				
FLASHPOINT (°c) & METHOD Not Applicable	UPPER EXPLOSION LIMIT (% BY VOLUME) Not Applicable		LOWER EXPLOSION LIMIT (% BY VOLUME) Not Applicable	
AUTOIGNITION TEMPERATURE (°c) Not Available	TDG FLAMMABILITY CLASSIFICATION Not Regulated		SENSITIVITY TO STATIC DISCHARGE Not Applicable	
EXPLOSIVE SENSITIVITY TO MECHANICAL IMPACT Not Applicable	RATE OF BURNING Not Applicable		EXPLOSIVE POWER Not Applicable	
SECTION 6-REACTIVITY DATA FOR MATERIAL				
CHEMICAL STABILITY YES X NO	IF YES, UNDER WHAT CONDITIONS The material is stable at standard ambient conditions.			
INCOMPATIBILITY TO OTHER SUBSTANCES YES NO X	IF YES, WHAT SUBSTANCES There are no known incompatible materials.			
REACTIVITY, UNDER WHAT CONDITIONS The material is not reactive.				
HAZARDOUS DECOMPOSITION PRODUCTS Carbon Dioxide, Carbon Monoxide and Aldehydes				
SECTION 7-TOXICOLOGICAL PROPERTIES OF PRODUCTS				
ROUTES OF ENTRY SKIN CONTACT SKIN ABSORPTON EYE CONTACT INHALATION ACUTE INHALATION CHRONIC INGESTION				
EFFECTS OF ACUTE EXPOSURE No physiological disorders will develop during continuous exposure to the product.				
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SECTION 7-TOXICOLOGICAL PROPERTIES OF PRODUCT (CONTINUED)**M.S.D.S. # 573330B-11****EFFECTS OF CHRONIC EXPOSURE**

Prolonged exposure to the product is not expected to develop into any physiological disorders.

LD50 OF PRODUCT
(SPECIFY SPECIES & ROUTE)

Not Available

LC50 OF PRODUCT
(SPECIFY SPECIES & ROUTE)

Not Available

IRRITANCY OF PRODUCT

Not irritating

EXPOSURE LIMITS OF PRODUCTS

Not Available

SENSITIZATION TO PRODUCT

Non-sensitizing

SYNERGISTIC MATERIALS

None Known

PRODUCT IS

CARCINOGEN REPRODUCTIVE EFFECTOR TERATOGEN MUTAGEN **SECTION 8-PREVENTIVE MEASURES**PERSONAL PROTECTIVE EQUIPMENT TO
BE WORN

Not required

GLOVES

(TYPE) Not required

EYEWEAR

(TYPE) Not required

FOOTWEAR

(TYPE) Not required

RESPIRATOR

(TYPE) Not required

CLOTHING

Not required

OTHER

Keep work area clean

ENGINEERING CONTROLS (VENTILATOR TYPE, ENCLOSED PROCESS, ETC. SPECIFY)

Local ventilation is recommended where the product is handled.

LEAK & SPILL PROCEDURES

In case of spill, gather the material for reuse or recycling.

WASTE DISPOSAL

The waste should be disposed of in accordance with local by-laws and regulations.

HANDLING PROCEDURES & EQUIPMENT

No special procedure is required to handle the product.

STORAGE REQUIREMENTS

Store material in a clean place, away from heat or open flame

SPECIAL SHIPPING INFORMATION/TDG CLASSIFICATION

The product is not regulated

SECTION 9-FIRST AID MEASURES

SKIN

Skin irritation is not likely to occur.

EYE

Eye irritation is not likely to occur.

INHALATION

Inhalation is not likely to occur.

INGESTION

Ingestion is not expected to occur.

GENERAL ADVICE

Keep working area clean.

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