

0480

Date Revised: OCTOBER 21, 2004

No. Pages: 3

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SECTION I - IDENTIFICATION OF PRODUCT

**Manufacturer And Shipper**

HELMITIN INC.

**Emergency Tel No**

(416) 239-3105

**Address**

99 SHORNCLIFFE ROAD, TORONTO, ONTARIO M8Z 5K7

**Trade Name And Synonyms**

HELMITHERM 0480, HELMITHERM 0480C

**Chemical Name And Synonyms**

BLEND BASED ON ETHYLENE VINYLACETATE COPOLYMER

**Chemical Family**

ETHYLENE VINYLACETATE COPOLYMER

**Molecular Formula**

NOT APPLICABLE

SECTION II - HAZARDOUS COMPONENTS OF MIXTURE

<b>Component</b> -----	<b>%</b> --	<b>Threshold</b> <b>Limit Value</b>	<b>Comments</b> -----
THIS PRODUCT DOES NOT CONTAIN HAZARDOUS INGREDIENTS AS DEFINED IN WHMIS CLASSIFICATION.			

SECTION III - PHYSICAL DATA

**Appearance And Odour**

WHITE PELLETS OR CYLINDRICAL SOLID, MILD ODOUR WHEN MOLTEN.

**Boiling Point / pH**

NOT APPLICABLE

**Specific Gravity (Water=1)**

1.21 @ 24°C/20°C

**Percent Volatile ( By Weight )**

NEGLIGIBLE AT 20°C - 50°C

**Vapour Pressure ( mm Of Mercury )**

NOT APPLICABLE

**Vapour Density ( Air = 1 )**

NOT APPLICABLE

**Evaporation Rate ( Butyl Acetate = 1 )**

NOT APPLICABLE

**Evaporation Rate ( Ethyl Ether = 1 )**

NOT APPLICABLE

**Solubility In Water**

INSOLUBLE

**Flash Point ( Specify Method )**

NOT ESTABLISHED

**Flammable Limits ( Percent By Volume )**

Lower

Upper

NOT ESTABLISHED

**Fire-Extinguishing Media**

CARBON DIOXIDE, DRY CHEMICAL, CHEMICAL FOAM OR WATER SPRAY

**Special Fire-Fighting Procedures**

USE WATER SPRAY/MIST OR FOAM TO COOL FIRE-EXPOSED SURFACES AND TO PROTECT PERSONNEL. AVOID USING WATER ON MOLTEN MATERIAL WHICH MAY CAUSE SPLATTERING AND SPREADING OF THE FIRE. RESPIRATORY PROTECTION SHOULD BE WORN.

**Unusual Fire And Explosion Hazards**

NONE

**SECTION V - HEALTH HAZARD DATA****Threshold Limit Value**

NO TLV HAS BEEN ESTABLISHED

**Effects Of Overexposure**

HIGH TEMPERATURE (ABOVE 200°C) MAY PRODUCE IRRITATING VAPOURS. THE LENGTH OF EXPOSURE TIME AFFECTS HUMAN HEALTH INDIVIDUALLY. BASED ON LABORATORY TESTS THE EXPOSURE LIMIT AT 200°C IS TWO HOURS AND THE EXPOSURE LIMIT AT 220°C IS 30 MINUTES. AVOID PROLONGED BREATHING OF FUMES.

**Emergency And First Aid Procedures**INHALATION: REMOVE TO FRESH AIR.SKIN: IF MOLTEN ADHESIVE IS SPILLED ON SKIN, DO NOT ATTEMPT TO REMOVE THE SOLIDIFIED ADHESIVE FROM THE SKIN. COVER CONTACT AREA WITH CLEAN WET COMPRESSES AND GET MEDICAL ATTENTION IMMEDIATELY.**SECTION VI - REACTIVITY DATA****Stability      Stable      /      Unstable**

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**Conditions To Avoid**

TEMPERATURES ABOVE 220°C FOR SHORT PERIODS OF TIME OR TEMPERATURES ABOVE 200°C FOR PROLONGED PERIODS OF TIME.

**Incompatibility**

STRONG ACIDS, OXIDIZING AGENTS.

**Hazardous Decomposition Products**

DECOMPOSITION PRODUCTS INCLUDE VINYL ACETATE AND ACETIC ACID. HAZARDOUS PRODUCTS OF COMBUSTION: CARBON MONOXIDE AND CARBON DIOXIDE ARE FORMED AS A RESULT OF COMBUSTION.

**Hazardous Polymerization**

May Occur

Will Not Occur

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**Conditions To Avoid****SECTION VII - PREVENTATIVE MEASURES****Steps To Be Taken In Case Material Is Released Or Spilled**

ALLOW MOLTEN ADHESIVE TO SOLIDIFY AND THEN SCRAPE UP. PLACE SOLIDIFIED MATERIAL INTO A SUITABLE CONTAINER FOR DISPOSAL. FLUSH AREA WITH WATER.

**Waste Disposal Method**

DISPOSAL MUST BE MADE IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS.

**SECTION VIII - SPECIAL PROTECTION INFORMATION****Respiratory Protection ( Specify Type )**

NOT REQUIRED IF ADEQUATE VENTILATION IS PROVIDED

**Ventilation - Local Exhaust**

RECOMMENDED WHERE HOT MELT IS KEPT MOLTEN, NEAR THE ADHESIVE RESERVOIR.

**Ventilation - Mechanical ( General )**

VENTILATION HOODS AND FANS WITH EXPLOSION-PROOF MOTORS ARE RECOMMENDED

**Protective Gloves**

HEAT RESISTANT SAFETY GLOVES FOR HOT MELT PROCESSING

**Eye Protection**

SAFETY GOGGLES FOR HOT MELT PROCESSING

**Other Protective Equipment**

A LONG SLEEVED COTTON SHIRT IS RECOMMENDED TO REDUCE THE RISK OF BURN TO EXPOSED SKIN AREA. A COLD WATER SOURCE FOR BURN TREATMENT IS RECOMMENDED.

**SECTION IX - SPECIAL PRECAUTIONS****Precautions To Be Taken In Handling And Storing**

USE NORMAL PERSONAL HYGIENE AND HOUSEKEEPING. STORE IN COOL, DRY ATMOSPHERE TO AVOID MOISTURE PICK-UP AND BLOCKING. AVOID TEMPERATURE IN EXCESS OF 30°C TO PREVENT MATERIAL BLOCKING.

**Other Precautions**

STORE AWAY FROM OPEN FLAMES IN DRY AREAS. AVOID SKIN CONTACT WITH MOLTEN MATERIALS. NOT TO BE TAKEN INTERNALLY. PLEASE CONSULT WITH OUR TECHNICAL SERVICE DEPARTMENT.

**SECTION X - DATE AND SOURCE OF INFORMATION**

Date	Prepared by:	Revision No.
OCTOBER 21, 2004	HELMITIN INC. LABORATORY (416) 239-3105	(SG) 5

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**HAZARDOUS INFORMATION FOR TRANSPORTATION OF DANGEROUS GOODS**  
**INFORMATION DE DANGER DU TRANSPORT MARCHANDISES DANGEREUSES**

In Case Of Emergency Call Collect: (613) 996-6666 Canutec  
 En Cas D'Urgence Appelez A Frais Virés: (613) 996-6666 Canutec

Product	Shipping Name	Class	UN Code	Packing	Flash Point
Produit	Appelation	Classe	Numero	Groupe	Point D'Eclair
	Reglementaire		D'Identification		

NOT REGULATED

**WHMIS INFORMATION**

NOT CONTROLLED

**INFORMATION SIMDUT**