

0495

Date Revised: SEPTEMBER 29, 2005

No. Pages: 3

3

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 0495, HELMITHERM 0495C

**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

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

SECTION III - PHYSICAL DATA

**Appearance And Odour**  
CREAM TO LIGHT TAN SOLID (PELLETS OR CYLINDERS); MILD RESIN ODOUR WHEN MOLTEN.

**Boiling Point / pH**  
NOT APPLICABLE

**Specific Gravity (Water=1)**  
0.96 @ 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 AVAILABLE

**Evaporation Rate ( Butyl Acetate = 1 )**  
NOT AVAILABLE

**Evaporation Rate ( Ethyl Ether = 1 )**  
NOT AVAILABLE

**Solubility In Water**  
INSOLUBLE

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA****Flash Point ( Specify Method )**

NOT AVAILABLE

**Flammable Limits ( Percent By Volume )**

Lower

Upper

NOT APPLICABLE

**Fire-Extinguishing Media**

DRY CHEMICAL, FOAM, CARBON DIOXIDE OR WATER SPRAY

**Special Fire-Fighting Procedures**

USE WATER SPRAY OR FOAM TO COOL FIRE EXPOSED SURFACES, AND TO PROTECT FIREFIGHTING PERSONNEL. AVOID USING WATER ON MOLTEN MATERIAL WHICH MAY CAUSE SPLATTERING AND SPREAD 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**

XX

**Conditions To Avoid**

TEMPERATURE ABOVE 220°C FOR SHORT RESIDENCE TIMES, TEMPERATURE 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.

**Hazardous Polymerization**

May Occur

Will Not Occur

XX

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

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

**SECTION VII - PREVENTATIVE MEASURES (cont'd)****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**

<b>Date</b>	<b>Prepared by:</b>	<b>Revision No.</b>
SEPTEMBER 29, 2005	HELMITIN INC. LABORATORY (416) 239-3105	(SG) 3

-----  
**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**

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

NOT REGULATED

**WHMIS INFORMATION****INFORMATION SIMDUT**

NOT CONTROLLED