

M A T E R I A L   S A F E T Y   D A T A   S H E E T

PARASOL VARIBOND VRB 99

PRODUCT NAME: VARIBOND  
PRODUCT CODE: VRB99

HMIS CODES: H F R P  
2 2 0 C  
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===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Parasol Inc.  
ADDRESS : 252A Broadway Ave.  
Toronto, Ontario M4P 1V9  
CANADA

EMERGENCY PHONE : 1 416-486-4947      DATE PRINTED : 02/09/07  
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===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

WEIGHT REPORTABLE COMPONENTS PERCENT	CAS NUMBER	mm Hg	@ TEMP	VAPOR PRESSURE
METHYL ISOBUTYL KETONE	108-10-1	2.65	25 C	40 - 70
D50 ORAL RAT 2080 mg/Kg ; LD50 DERMAL RABBIT 3 g/Kg				
CYCLOHEXANONE	108-94-1			10 - 30
LD50 RAT 1,535 mg/Kg; LD50 RABBIT 948 mg/Kg				
GLYCOL ETHER PM ACETATE	108-65-6	3.7	20 C	1 - 5
LD50 (ORAL RAT ) 8532 mg/Kg				
LD50 (DERMAL RABBIT) 5000 mg/Kg				

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 115 C - 154 C      SPECIFIC GRAVITY (H2O=1): 0.85  
VAPOR DENSITY: NA      EVAPORATION RATE: NA  
COATING V.O.C.: 1.42 lb/g1      MATERIAL V.O.C.: 1.42 lb/g1  
SOLUBILITY IN WATER: NA  
APPEARANCE AND ODOR: COLORED LIQUID

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT:      METHOD USED:  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0      UPPER: 12

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL OR WATER FOG.

SPECIAL FIREFIGHTING PROCEDURES  
FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED.

UNUSUAL FIRE AND EXPLOSION HAZARDS  
CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT

SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE  
CONDITIONS TO AVOID  
NONE KNOWN

INCOMPATIBILITY (MATERIALS TO AVOID)  
NONE KNOWN

HAZARDOUS DECOMPOSITION OR BYPRODUCTS  
THERMAL DECOMPOSITION PRODUCTS ARE TOXIC AND MAY INCLUDE OXIDES OF CARBON AND IRRITATING GASES.

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HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
EYES: FLUSH EYES IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. IF NECESSARY, SEEK MEDICAL ATTENTION. SKIN:WASH WITH MILD SOAP AND WATER.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION.

HEALTH HAZARDS (ACUTE AND CHRONIC)  
PREVIOUSLY LISTED. SEE ABOVE

CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE  
NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION.

EMERGENCY AND FIRST AID PROCEDURES  
EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE RE-USE. INHALATION: IF AFFECTEED, REMOVE FROM EXPOSURE. RESTORE BREATHING.KEEP WARM AND QUIET. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA. REMOVE WITH INERT ABSORBENT.

WASTE DISPOSAL METHOD

DISPOSE IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

CONTENTS ARE FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. DURING USE AND UNTIL ALL VAPOURS ARE GONE: KEEP AREA VENTILATED - DO NOT SMOKE - EXTINGUISH ALL FLAMES, PILOT LIGHTS AND HEATERS - TURN OFF STOVES, ELECTRIC TOOLS AND APPLIANCES AND ANY OTHER SOURCE OF IGNITION. CONSULT NFPA CODE. USE APPROVED BONDING AND GROUNDING PROCEDURES. KEEP CONTAINER CLOSED WHEN NOT IN USE. TRANSFER ONLY TO APPROVED CONTAINERS WITH COMPLETE AND APPROPRIATE LABELING. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

OTHER PRECAUTIONS

NONE

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

NONE SHOULD BE REQUIRED IF AIRBORNE CONCENTRATIONS ARE MAINTAINED BELOW TWA/TLV'S. USE A RESPIRATOR EQUIPPED WITH ORGANIC VAPOUR CARTRIDGES IF REQUIRED.

VENTILATION

GENERAL. (MECHANICAL) ROOM VENTILATION IS EXPECTED TO BE SATISFACTORY. USE LOCAL EXHAUST IF NEEDED TO CONTROL MIST OR VAPOUR.

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PROTECTIVE GLOVES

USE CHEMICAL RESISTANT NITRILE, NEOPRENE OR RUBBER GLOVES.

EYE PROTECTION

CHEMICAL SPLASH GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

EYE WASH AND SAFETY SHOWER

WORK/HYGIENIC PRACTICES

PRACTICE GOOD INDUSTRIAL HYGIENE.

===== SECTION IX - DISCLAIMER =====

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