

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: COMPOUND 747
PRODUCT CODE: B015230

HMIS CODES: H F R P
1 1 0 X

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: VARN PRODUCTS
ADDRESS: 905 SOUTH WESTWOOD, ADDISON, ILLINOIS 60101
EMERGENCY PHONE: (800) 424-9300 INFORMATION PHONE: (800) 336-8276
DATE REVISED : 06-19-96 NAME OF PREPARER : VARN PRODUCTS CO.
REASON REVISED : UPDATE; SUPERSEDES ALL PREVIOUS REVISIONS.

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE		WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER	mm Hg	TEMP	
MINERAL SEAL OIL	64741-44-2	5 mg/M3	5 mg/M3	10mg/M3STL	0.1	66F	95
STARCH	9005-25-8	15mg/M3 T*	10 mg/M3	5 mg/M3 R*	N/A		< 5.0%

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***
T* = TOTAL DUST R* = RESPIRABLE DUST FRACTION.
ALL INGREDIENTS ARE LISTED IN THE EPA TSCA INVENTORY.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: >500 Deg F SPECIFIC GRAVITY (H2O=1): 0.8
VAPOR DENSITY: N/A EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: 6.51 LB/GL (781 G/L)
SOLUBILITY IN WATER: IMMISCIBLE VAPOR PRESSURE: 0.01 mmHg @ 20 Deg C
APPEARANCE AND ODOR: WHITE, 2-PHASE, VISCOUS LIQUID - SWEET ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 225 Deg F METHOD USED: PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0% UPPER: 7.0%

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

SPECIAL FIREFIGHTING PROCEDURES

AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS (MSHA/NIOSH APPROVED) AND FULL PROTECTIVE GEAR. WATER MAY NOT BE EFFECTIVE TO EXTINGUISH FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND TO PROTECT PERSONNEL.

UNUSUAL FIRE AND EXPLOSION HAZARDS

TREAT AS AN OIL FIRE.

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SECTION V - REACTIVITY DATA

**STABILITY: STABLE
CONDITIONS TO AVOID**

AVOID CONDITIONS OF EXCESSIVE HEAT TO INCREASE SHELF LIFE.

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID STRONG OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

BURNING WILL PRODUCE OXIDES OF CARBON AND DENSE SMOKE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

NO HAZARD IN NORMAL INDUSTRIAL USE.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE IRRITATION. CONTACT MAY CAUSE EYE IRRITATION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION OF THIS PRODUCT MAY CAUSE NAUSEA, MODERATE GASTRO-INTESTINAL IRRITATION, AND DIARRHEA. FOLLOW FIRST AID PROCEDURES.

HEALTH HAZARDS (ACUTE AND CHRONIC)

THIS PRODUCT MAY PRODUCE MILD TO MODERATE IRRITATION UPON CONTACT WITH EYES AND MILD IRRITATION TO SKIN. NO CHRONIC EFFECTS ARE KNOWN OR EXPECTED.

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

THIS PRODUCT CONTAINS NO KNOWN CARCINOGENS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

SKIN CONTACT MAY AGGRAVATE PRE-EXISTING DERMATITIS.

EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

SKIN: WASH WITH SOAP AND WATER.

INHALATION: MOVE TO FRESH AIR.

INGESTION: IF VICTIM IS CONSCIOUS, INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. OBTAIN MEDICAL ATTENTION

IMMEDIATELY.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SOAK UP ON ABSORBENT MATERIAL OR TRANSFER LIQUID INTO A CLOSED CONTAINER FOR LATER DISPOSAL. DIKE SPILL AND KEEP FROM ENTERING SEWER.

WASTE DISPOSAL METHOD

THIS PRODUCT, AS SUPPLIED, IS REGULATED IN MOST STATES AS A SPECIAL WASTE. DO NOT POUR DOWN SEWER. CONTACT A LICENSED HAZARDOUS WASTE HAULER FOR MORE INFORMATION.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN A COOL, DRY AREA FROM SUNLIGHT AND EXCESS HEAT. AVOID SKIN CONTACT.

OTHER PRECAUTIONS

WHEN TRANSFERRING OR USING THIS PRODUCT, WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT.

PROPER SHIPPING NAME: NOT REGULATED, HAZRAD CLASS: N/A, UN NUMBER: N/A, PACKING GROUP: N/A

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

RESPIRATORY PROTECTION

NO SPECIAL PROTECTION IS REQUIRED UNDER NORMAL CONDITIONS OF USE.

VENTILATION

GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.

PROTECTIVE GLOVES

WEAR OIL RESISTANT GLOVES MADE OF NITRILE OR BUTYL RUBBER.

EYE PROTECTION

WEAR SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

A PERSONAL PROTECTIVE RATING OF X MEANS YOU MUST SEE YOUR SUPERVISOR FOR GUIDANCE. OSHA REGULATIONS (29CFR PART 1910, SUBPART I) REQUIRES EMPLOYERS TO EVALUATE PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS IN THE WORKPLACE.

WORK/HYGIENIC PRACTICES

WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT.

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

DISCLAIMER

THE INFORMATION ON THIS MSDS IS BELIEVED TO BE ACCURATE AS OF THE DATE SHOWN IN SECTION 1. SINCE THE USE OF THIS PRODUCT IS NOT UNDER THE CONTROL OF VARN, IT IS THE USER'S RESPONSIBILITY TO DETERMINE WHAT CONSTITUTES SAFE USAGE FOR A PARTICULAR PURPOSE. THIS FORM MAY BE REPRODUCED LOCALLY IN ANY QUANTITIES NECESSARY TO MEET YOUR REQUIREMENTS.