

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: AEROSOL ANTI-STATIC SPRAY
PRODUCT CODE: B015341

HMIS CODES: H F R P
1 4 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	
ETHANOL	64-17-5	N/E	1000 ppm		94.0	70F	10
N-PENTANE	109-66-0	600 ppm	600 ppm	750ppmSTEL	400.0	65F	35
LIQUIFIED PETROLEUM GAS	68476-85-7	1000 ppm	1000 ppm		760.0	68F	55

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***
ALL INGREDIENTS LISTED IN THE EPA TSCA INVENTORY. CONTAINS NO OZONE DEPLETING SUBSTANCES.
** THIS PRODUCT IS CONSIDERED TO BE EXTREMELY FLAMMABLE AS DESCRIBED IN 16CFR 1500.45.



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

BOILING POINT: N/A SPECIFIC GRAVITY (H2O=1): 0.6
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: FASTER THAN ETHER
MATERIAL V.O.C.: 4.77 LB/GL (571 G/L)
SOLUBILITY IN WATER: SLIGHT VAPOR PRESSURE: 70 psig @130 Deg F
APPEARANCE AND ODOR: AEROSOL CAN; CLEAR LIQUID - ALCOHOLIC ODOR

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

FLASH POINT: SEE ** METHOD USED: SECTION II
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.5% UPPER: 9.2%

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

KEEP CONTAINERS COOL. USE SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING OR VENTING CONTAINERS. WATER MAY NOT BE EFFECTIVE TO EXTINGUISH FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

AT ELEVATED TEMPERATURES (OVER 130 Deg F) CONTAINERS MAY VENT, RUPTURE OR BURST.

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

**STABILITY: STABLE
CONDITIONS TO AVOID**

AVOID EXCESS HEAT (ABOVE 130 Deg F).

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID MIXING WITH STRONG OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

BURNING WILL PRODUCE OXIDES OF CARBON. ADDITIONAL TOXIC CHEMICALS MAY BE FORMED IN SMALL AMOUNTS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EXCESSIVE VAPOR CONCENTRATIONS ARE ATTAINABLE. OVEREXPOSURE MAY IRRITATE THE NOSE, THROAT, LUNGS AND CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION WITH SYMPTOMS SUCH AS DROWSINESS, DIZZINESS AND UNCONSCIOUSNESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN AND EYE CONTACT MAY PRODUCE MODERATE IRRITATION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

A SINGLE, PROLONGED EXPOSURE IS NOT LIKELY TO RESULT IN THE MATERIAL BEING ABSORBED THROUGH THE SKIN IN HARMFUL AMOUNTS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION MAY PRODUCE GASTRO-INTESTINAL IRRITATION, VOMITING AND POSSIBLE DAMAGE TO VITAL ORGANS. FOLLOW FIRST AID PROCEDURES.

HEALTH HAZARDS (ACUTE AND CHRONIC)

REPEATED AND ABUSIVE BREATHING OF CONCENTRATED VAPORS MAY EFFECT PULMONARY, CARDIOVASCULAR, CENTRAL NERVOUS SYSTEM AND CAUSE LIVER, LUNG AND KIDNEY EFFECTS. REPEATED SKIN CONTACT WILL DRY OUT AND CRACK SKIN.

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. INHALATION MAY AGGRAVATE PRE-EXISTING ASTHMA-LIKE CONDITIONS.

EMERGENCY AND FIRST AID PROCEDURES**EYES:** HOLD EYELID OPEN AND FLUSH WITH WATER FOR 15 MINUTES. CONTACT A PHYSICIAN IF IRRITATION PERSISTS.**SKIN:** WASH WITH SOAP AND WATER.**INGESTION:** CONTACT LOCAL POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY.**INHALATION:** MOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS LABORED.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ELIMINATE ALL IGNITION SOURCES. SOAK UP MATERIAL WITH ABSORBANT. TRANSFER INTO A CLOSED CONTAINER FOR LATER DISPOSAL.
AEROSOL PROPELLENTS ARE EXTREMELY FLAMMABLE.

WASTE DISPOSAL METHOD

DO NOT PUNCTURE OR INCINERATE. DISPOSE OF AS HAZARDOUS WASTE IN ACCORDANCE WITH EPA RCRA. CONTACT A LICENSED HAZARDOUS WASTE HAULER FOR MORE INFORMATION.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP AWAY FROM SUNLIGHT, EXCESS HEAT, SPARKS, FLAMES AND OTHER SOURCES OF IGNITION. STORE AT TEMPERATURE BELOW 130 Deg F. AVOID SKIN CONTACT. AVOID BREATHING VAPORS. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN USING THIS PRODUCT. STORE AS A LEVEL 3 AEROSOL (NFPA 30B).

OTHER PRECAUTIONS

FOR AIR SHIPMENT: DOT PROPER SHIPPING NAME: AEROSOLS, HAZARD CLASS: 2.1, UN NUMBER: UN1950, PACKING GROUP: N/A
FOR SURFACE SHIPMENT: DOT PROPER SHIPPING NAME: CONSUMER COMMODITY, HAZARD CLASS: ORM-D, UN NUMBER: NONE,
PACKING GROUP: N/A

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

RESPIRATORY PROTECTION

WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS IN SECTION II, USE A RESPIRATOR WITH APPROPRIATE ORGANIC VAPOR CARTRIDGES (NIOSH APPROVED).

VENTILATION

IF CURRENT VENTILATION IS INADEQUATE TO MAINTAIN CONCENTRATIONS BELOW THE ESTABLISHED EXPOSURE LIMITS IN SECTION II, ADDITIONAL VENTILATION OR EXHAUST SYSTEMS IS REQUIRED. EXPLOSION PROOF ELECTRICAL SYSTEMS MUST BE USED.

PROTECTIVE GLOVES

FOR BRIEF CONTACT, NO PRECAUTIONS SHOULD BE NEEDED.

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) REQUIRE EMPLOYERS TO EVALUATE PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS IN THE WORKPLACE.

WORK/HYGIENIC PRACTICES

WASH WITH SOAP AND WATER AFTER PRODUCT CONTACT WITH SKIN.

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

DISCLAIMER

THE INFORMATION ON THIS MSDS IS BELIEVED TO BE ACCURATE AS OF THE DATE SHOWN IN SECTION I. 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 PRODUCT. THIS FORM MAY BE REPRODUCED IN QUANTITIES NECESSARY TO MEET YOUR REQUIREMENTS.