Material Safety Data Sheet

Distributor: Innovative Vacuum Solutions, Inc.
31B Pulpit Rock Road
Pelham, NH 03076

Emergency Telephone: (603) 635-1480
(800) 441-6825

Prepared By: Michael Metropolis

Date: June 2002

Section One: General Information

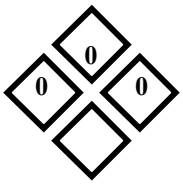
Product Code: **419100**

Product Name: **IVS 704**

NFPA DIAMOND

FLAMMABILITY

HEALTH HAZARD



REACTIVITY

SPECIAL

CAS NUMBER: 3082-82-0
CHEMICAL FORMULA: (C7H80Si) n
GENERIC NAME: Trimethyl Pentaphenyltrisiloxane

SECTION TWO: REGULATED INGREDIENTS
(29 CFR 1910 . 1200)

REGULATED MATERIALS AT CONCENTRATIONS OF 1% (WT) OR GREATER NO HAZARDOUS INGREDIENTS. MATERIAL IS 100% METHYL PHENYL SILOXANE

SECTION THREE: HEALTH HAZARDS

MATERIAL IS TOXICOLOGICALLY INERT

EFFECTS OF OVEREXPOSURE

ACUTE EFFECTS: Material is not expected to be dermatitic or a sensitizer. Eyes: mild irritant. Skin: mild irritant – not absorbed.

CHRONIC EFFECTS: N/A

FIRST AID PROCEDURES: Skin – wash with soap and water. Eyes – flush with water. Irritation does not involve cornea and should subside within hours. If irritation persists contact a physician! Ingestion – give liquids and induce vomiting if victim is conscious. Contact a physician! Small amounts in mouth may be washed out. Inhalation – remove to fresh air. Consult a physician when necessary.

REFERENCES: None

SECTION FOUR: FIRE AND EXPLOSION DATA

FLASH POINT: 221 C **METHOD USED:** Cleveland Open Cup
EXPLOSIVE LIMITS: Lower - Unknown
Upper - Unknown
EXTINGUISING MEDIA: Water Fog, Chemical Foam or Dry Chemical
SPECIAL FIREFIGHTING PROCEDURES: Wear breathing gear when fighting fires in enclose spaces.
USUAL FIRE AND/OR EXPLOSION HAZARDS: None

SECTION FIVE: PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid
VAPOR PRESSURE: 2.0 x10-8 Torr @ 25C **BOILING POINT:** 220 C @ 0.5 Torr
EVAPORATION RATE (other = 1): Nil
VAPOR DENSITY: approximately 14 **WT % VOLATILES:** Nil
SPECIFIC GRAVITY: 1.07 gm/cc **VISCOSITY:** 24.2 cst @ 40 C
SOLUBILITY IN WATER: Nil
APPEARANCE: Clear to pale yellow transparent, viscous liquid

SECTION SIX: REACTIVITY

STABILITY: Material is stable
CONDITIONS TO AVOID: N/A
INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers, acids and alkalis
HAZARDOUS DECOMPOSITION PRODUCTS: CO2 and CO. Silica may be emitted on combustion. Hazardous polymerization will not occur.

SECTION SEVEN: RELEASE PROCEDURES

PROCEDURES TO BE FOLLOWED IN EVENT OF RELEASE: Small spills may be wiped up with a rag. Large spills should be picked up immediately with an absorbent.
PROCEDURES FOR PROPER WASTE DISPOSAL: Proper waste disposal procedures are dependent on the product's endues. Check applicable Federal, State and Local regulations covering treatment, storage and disposal of your effluents.

SECTION EIGHT: SPECIAL PROTECTION

REPIRATORY PROTECTION: See ventilation notes
PROTECTIVE GLOVES: Optional
SAFETY GLASSES/GOGGLES: Yes – with side shields
OTHER PROTECTIVE EQUIPMENT: None should be required Under normal use

VENTILATION:US Govt. 8 hr TWA limit for exposure to all oil mists in 5 mg pr cubic feet
LOCAL EXHAUST: required to meet above limit
MECHANICAL EXHAUST: same as above
OTHER REQUIREMENTS: none

SECTION NINE: SPECIAL PROTECTION

SPECIAL HANDLING PRECAUTIONS: None
SPECIAL STORAGE PRECAUTIONS: None
ADDITIONAL NFORMATION: NFPA Class III B material. Store at room temperature. Crystallization may occur below 20 C. This will not harm the product. If this occurs, then place under heat vent (30C) for 24 hours.