

# Material safety data sheet

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## Section One: General Information

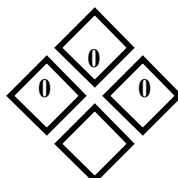
Product Code: **192XX**

Product Name: **IVS 705**

### NFPA DIAMOND

#### FLAMMABILITY

HEALTH HAZARD



REACTIVITY

#### SPECIAL

CAS NUMBER: 63148-58-3

CHEMICAL FORMULA: (C<sub>7</sub>H<sub>8</sub>OSi)<sub>n</sub>

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

#### SECTION FIVE: PHYSICAL PROPERTIES

**PHYSICAL STATE:** Liquid  
**VAPOR PRESSURE:**  $2.4 \times 10^{-9}$  Torr @ 25  
**EVAPORATION RATE (other = 1):** Nil  
**VAPOR DENSITY:** approximately 14  
**SPECIFIC GRAVITY:** 1.09 gm/cc  
**SOLUBILITY IN WATER:** Nil  
**APPEARANCE:** Clear to pale yellow transparent, viscous liquid  
**BOILING POINT:** 250 C  
**WT % VOLATILES:** Nil  
**VISCOSITY:** 66 cst @ 40 C

#### SECTION SIX: REACTIVITY

**STABILITY:** Material is stable  
**CONDITIONS TO AVOID:** N/A  
**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizers, acids and alkalis  
**HAZARDOUS DECOMPOSITION PRODUCTS:** CO<sub>2</sub> 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 end uses. Check applicable Federal, State and Local regulations covering treatment, storage and disposal of your effluents.

#### SECTION EIGHT: SPECIAL PROTECTION

**RESPIRATORY 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 per cubic feet  
**LOCAL EXHAUST:** required to meet above limit  
**MECHANICAL EXHAUST:** same as above  
**OTHER REQUIREMENTS:** none

#### SECTION NINE: SPECIAL PRECAUTIONS

**SPECIAL HANDLING PRECAUTIONS:** None  
**SPECIAL STORAGE PRECAUTIONS:** None  
**ADDITIONAL INFORMATION:** NFPA Class III B material. Store at room temperature.