



# Invoice 705

## Material Safety Data Sheet

Revision Date January 2004

For Chemical Emergency Call Chemtrec 800-424-9300

### 1. Substance/Company Identification

PRODUCT NAME: **Invoice 705**  
CAS NUMBER: 3390-61-2  
MANUFACTURER: Inland Vacuum Industries  
Churchville NY 14428  
(585) 293-3330

### 2. Composition/ Ingredients

CHEMICAL NAME: 1,3,5-Trimethyl-1,1,3,5,5-pentaphenyltrisiloxane  
PRODUCT CLASSIFICATION: Silicone Fluid  
CHEMICAL FORMULA:  $(C_7H_8OSI)_n$   
HAZARDOUS INGREDIENTS: None

### 3. Hazards Identification

POSSIBLE ENTRY ROUTES: Ingestion, inhalation of oil mists  
This product is not classified as hazardous.  
ACUTE EFFECTS: Material is not expected to be dermatitic or a sensitizer. Is a mild irritant to eyes and skin(not absorbed).  
CHRONIC EFFECTS: Unknown.

### 4. First Aid Measures

SKIN: Remove product with a dry towel and wash with soap and water.  
EYES: Flush with water for at least 15 min. Contact a physician!  
INGESTION: Contact a physician. Small amount in mouth may be washed out.  
INHALATION: Remove to fresh air. Consult a physician when necessary.

### 5. Fire Fighting Measures

FLASH POINT: 210 C  
METHOD USED: Cleveland Open Cup  
EXPLOSIVE LIMITS LOWER: Unknown UPPER: Unknown  
EXTINGUISHING MEDIA: Water fog, chemical foam, carbon dioxide or dry chemical NFPA Class III B Material.  
SPECIAL FIREFIGHTING PROCEDURES: Wear breathing gear when fighting fires in enclosed spaces.  
UNUSUAL FIRE AND/OR EXPLOSION HAZARDS: None

### 6. Accidental Release Measures

PROCEDURE TO BE FOLLOWED IN EVENT OF RELEASE: Small spills may be wiped up with a cloth. Large spills should be picked up immediately with an absorbent.

### 7. Handling and Storage

HANDLING: Keep container closed and store in a cool place away from heat and flame Do not lay the container on its side. Keep out of reach of children. Do not re-use, puncture, cut or weld on or near this container.  
STORAGE: Storage below 20C for extended periods may cause the material to freeze. This will not harm the product, but you will have to warm it to melt the material to a pourable state.

**8. Exposure Controls/Personal Protection**

ENGINEERING CONTROL MEASURES: None required  
 RESPIRATORY PROTECTION: See notes on acute inhalation below.  
 PROTECTIVE GLOVES: Yes - made of oil-impermeable rubber or plastic.  
 SAFETY GLASSES/GOGGLES: Yes - glasses should have side shields  
 OTHER PROTECTIVE EQUIPMENT: None should be required under normal use, but you should have eyewash equipment handy.

**9. Physical & Chemical Properties**

PHYSICAL STATE: Liquid  
 VAPOR PRESSURE: < .0001 Torr @ 25C  
 BOILING POINT: >200 C  
 EVAPORATION RATE (ether = 1): Nil  
 VAPOR DENSITY: approximately 1ppm  
 WT % VOLATILES: Nil  
 SPECIFIC GRAVITY: 1.10  
 POUR POINT: 15C  
 VISCOSITY: 66 cst @ 40 C  
 SOLUBILITY IN WATER: Nil  
 APPEARANCE: transparent, colorless, viscous liquid with no odor.  
 ODOR: None

**10. Stability & Reactivity**

STABILITY: Material is stable  
 CONDITIONS TO AVOID: N/A  
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, acids and alkalis.  
 HAZARDOUS DECOMPOSITION PRODUCTS: None  
 HAZOURDOUS POLYMERIZATION: Will not occur.

**11. Toxicological Information**

ACUTE ORAL LD50 RAT: 5g/Kg  
 ACUTE DERMAL LD50: None  
 ACUTE INHALATION: US Gov't 8 hr TWA limit for exposure to oil mists is 5 mg per cubic meter

**12. Ecological Information**

ENVIRONMENTAL: When used and/or disposed of as indicated, no adverse  
 MOBILITY: Non-volatile and insoluble in water.  
 BIODEGRADABILITY: No evidence of biodegradation  
 BIOACCUMUILLATION: No evidence of biodegradation.

**13. Disposal Considerations**

Product and packaging must be disposed of in accordance with Federal, State and local regulations. Material may be returned for reclamation. Can be burned in a chemical incinerator equipped with an afterburner and scrubber.

**14. Transport Classification**

Not classified as hazardous for transport by air, sea or road.

**15. Regulatory Information**

Listed on the TSCA Inventory and EINECS

**16. Other Information**

**NFPA RATING**

FLAMMABILITY	0
HEALTH HAZARD	0
REACTIVITY	0
SPECIAL HAZARD	NONE