

## Material Safety Data Sheet

Revision Date December 2010

For Chemical Emergency Call Chemtrex 800-424-9300

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|---|---|
| <b>1. Substance/Company Identification</b>      | <b>PRODUCT NAME:</b> DS-7050<br><b>CAS NUMBER:</b> 3390-61-2<br><b>COMPANY:</b> Inland Vacuum Industries<br>35 Howard Ave<br>Churchville NY 14428<br>(585) 293-3330   |
| <b>2. Composition/ Ingredients</b>              | <b>CHEMICAL NAME:</b> 1,3,5-Trimethyl-1,1,3,5,5-pentaphenyltrisiloxane<br><b>PRODUCT CLASSIFICATION:</b> Silicone Fluid<br><b>CHEMICAL FORMULA:</b> (C <sub>7</sub> H <sub>8</sub> OSI) <sub>n</sub><br>✓ <b>HAZARDOUS INGREDIENTS:</b> None  |
| <b>3. Hazards Identification</b>                | <b>POSSIBLE ENTRY ROUTES:</b> Ingestion, inhalation of oil mists<br>This product is not classified as hazardous.<br><b>ACUTE EFFECTS:</b> Material is not expected to be dermatitic or a sensitizer. Is a mild irritant to eyes and skin(not absorbed).<br><b>CHRONIC EFFECTS:</b> Unknown.   |
| <b>4. First Aid Measures</b>                    | <b>SKIN:</b> Remove product with a dry towel and wash with soap and water.<br><b>EYES:</b> Flush with water for at least 15 min. Contact a physician!<br><b>INGESTION:</b> Contact a physician. Small amount in mouth may be washed out.<br><b>INHALATION:</b> Remove to fresh air. Consult a physician when necessary.   |
| <b>5. Fire Fighting Measures</b>                | <b>FLASH POINT:</b> 210 C<br><b>METHOD USED:</b> Cleveland Open Cup<br><b>EXPLOSIVE LIMITS LOWER:</b> Unknown <b>UPPER:</b> Unknown<br><b>EXTINGUISHING MEDIA:</b> Water fog, chemical foam, carbon dioxide or dry chemical <b>NFPA Class III B Material.</b><br><b>SPECIAL FIREFIGHTING PROCEDURES:</b> Wear breathing gear when fighting fires in enclosed spaces.<br><b>UNUSUAL FIRE AND/OR EXPLOSION HAZARDS:</b> None        |
| <b>6. Accidental Release Measures</b>           | <b>PROCEDURE TO BE FOLLOWED IN EVENT OF RELEASE:</b> Small spills may be wiped up with a cloth. Large spills should be picked up immediately with an absorbent.   |
| <b>7. Handling and Storage</b>                  | <b>HANDLING:</b> 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.<br><b>STORAGE:</b> 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. |
| <b>8. Exposure Controls/Personal Protection</b> | <b>ENGINEERING CONTROL MEASURES:</b> None required<br><b>RESPIRATORY PROTECTION:</b> See notes on acute inhalation below.<br><b>PROTECTIVE GLOVES:</b> Yes - made of oil-impermeable rubber or plastic.<br><b>SAFETY GLASSES/GOGGLES:</b> 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  
 BIOACCUMUILATION: 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