

MATERIAL SAFETY DATA SHEET

MANUFACTURER: Inland Vacuum Industries
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Churchville NY 14428

EMERGENCY TELEPHONE
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PREPARED BY: Marc C. Tarplee

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SECTION ONE: GENERAL INFORMATION

PRODUCT CODE: 192XX
PRODUCT NAME: INVOIL 705

NEPA DIAMOND

FLAMMABILITY



CAS NUMBER: 63148-58-3*
CHEMICAL FORMULA: (C7H8OSi)n
GENERIC NAME: Tetramethyltetraphenyltrisiloxane

SECTION TWO: REGULATED INGREDIENTS
(29 CFR 1910.1200)

REGULATED MATERIALS AT CONCENTRATION
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: NA

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:

SECTION FOUR: FIRE AND EXPLOSION DATA

FLASH POINT: 200 C METHOD USED: CLEVELAND OPENED CUP

EXPLOSIVE LIMITS LOWER: Unknown

UPPER: Unknown

EXTINGUISHING MEDIA: Water fog, chemical foam, carbon dioxide or dry chemical.

SPECIAL FIREFIGHTING PROCEDURES: Wear breathing gear when fighting fires in enclosed spaces.

UNUSUAL FIRE AND/OR EXPLOSION HAZARDS: None

SECTION FIVE: PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

VAPOR PRESSURE: < .0001 Torr @ 25C BOILING POINT: > 200 C

EVAPORATION RATE (ether = 1): Nil

VAPOR DENSITY: 1 ppm

WT % VOLATILES: Nil

SPECIFIC GRAVITY: 1.1

VISCOSITY: 66 cst @ 40 C

SOLUBILITY IN WATER: Insoluble

APPEARANCE: clear to pale yellow transparent, viscous liquid, with no odor.

SECTION SIX: REACTIVITY

STABILITY: Material is stable

CONDITIONS TO AVOID: NA

INCOMPATIBILITY (MATERIALS 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

PROCEDURE 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-use. Check applicable Federal, State and Local covering treatment, storage and disposal of your process effluents.

SECTION EIGHT:SPECIAL PROTECTION

RESPIRATORY PROTECTION: See notes on ventilation below.

PROTECTIVE GLOVES: Optional

SAFETY GLASSES/GOGGLES: Yes - glasses should have side shields

OTHER PROTECTIVE EQUIPMENT: None should be required under normal use.

VENTILATION US Gov't 8 hr TWA limit for exposure to oil mists is 5 mg per cubic meter

LOCAL EXHAUST: As required to meet limit shown above

MECHANICAL EXHAUST: As required to meet limit shown above

OTHER REQUIREMENTS:

SECTION NINE:SPECIAL PRECAUTIONS

SPECIAL HANDLING PRECUATIONS: None

SPECIAL STORAGE PRECAUTIONS: None

ADDITIONAL INFORMATION: NFPA Class III B material. Store at room temperature or product may freeze. Crystallization may occur below 20 deg. C. This will not harm the product. To defroast: place by heat vent (30 C) for 24 hours.