I. PRODUCT AND COMPANY IDENTIFICATION

Name On Label: Silicone Art Materials OSS ODORLESS SILICONE SOLVENT

Manufacturer: Tom McLaughlin Productions
   c/o 62 Mount Pleasant Avenue
   Troy, New York  12180
   201/273-2613

CHEMTREC EMERGENCY PHONE NUMBER 800 424-9300

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS | CAS# | WT% | OSHA PEL (mg/m3) | ACGIH (mg/m3)
--- | --- | --- | --- | ---
Decamethylcyclopentasiloxane 541-02-6 | >60% | NE | NE | NE

NE = Not Established STEL = Short Term Exposure Limit C = Ceiling Limits
All ingredients are on the TSCA inventory or comply with TSCA requirements

III. HAZARDS IDENTIFICATION

Appearance and Odor: Colorless, odorless, liquid

CAUTION! May Irritate Eyes
Attention: Not for injection into humans

POTENTIAL HEALTH EFFECTS:

• Ingestion: Low ingestion hazard in normal use
• Skin Contact: No significant effects expected from single short-term exposure
• Inhalation: No significant effects expected from single short-term exposure
• Eye Contact: May cause temporary redness and discomfort

Medical Conditions Aggravated: None Known
Sub-Chronic (Target Organ) Effects: None Known
Chronic Effects/Carcinogenicity: This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA

IV. FIRST AID MEASURES

Ingestion: No first aid should be needed.
Skin Contact: No first aid should be needed. Wash with soap and water
Inhalation: Remove to fresh air; Seek medical attention if ill effects persist
Eye Contact: Immediately flush with COOL water for 15 minutes; Call a physician if irritation persists

V. FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES

• Flash Point: 170.6°F / 77 °C (Closed Cup)
• Auto-ignition: 737.6°F / 77.2 °C (Open Cup)
• Flammable Limits in Air Upper (%): n/a
• Flammable Limits in Air Lower (%): 0.70%

Extinguishing Media: Choose extinguishing media suitable for the surrounding materials and environment; Alcohol compatible foam or water
spray (fog)

Unsuitable Extinguishing Media
No restrictions on media based on knowledge of this material

Special Fire Fighting Instructions
Self containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Vapors are heavier than air and may travel to a source of ignition and flash back. Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Fire burns more vigorously than would be expected.

VI. ACCIDENTAL RELEASE MEASURES

Steps to be Taken if Material is Released or Spilled
Determine the need to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in section V. Cover spill with an absorbent material such as sand or sawdust. Scoop up and place in an appropriately marked container for disposal. Final cleaning may require steam, solvents or detergents

WARNING
Where material spills may be slippery

VII. HANDLING AND STORAGE

STORAGE
Use with adequate ventilation; Avoid eye contact, skin contact and breathing vapor, mist, dust or fumes; Keep container closed

HANDLING
Static energy will accumulate and may ignite vapors; Prevent a possible fire hazard by bonding and grounding or inert gas purge

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection
None should be needed if adequate exhaust is provided. If vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor mist respirator

Ventilation
Local exhaust: Normal air flow

Protective Gloves
Recommended

Eye Protection
Chemical safety goggles at minimum

Other Protective Clothing or Equipment
Rubber apron; Facility needs to be equipped with an eye-wash fountain and safety shower that is easily accessible

Work and/or Hygienic Practices
Always wash hands after handling chemicals and before eating or smoking. Do not smoke when working or handling chemicals

IX. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure (20 °C) (mm Hg) 0.015 kPa

Vapor Density (AIR = 1) Not Determined

Freezing/Melting Point -44°C

Boiling Point 211°C

Viscosity 3.8 cSt
Physical State: Colorless liquid
Odor: None
pH Value: Not Determined
Volatile Content: Not Determined
Solubility in Water: <0.05 mg/L
Specific Gravity: ~0.95

X. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Hazardous Thermal Decomposition/Combustion: None Known
Products: None Known
Incompatibility (Materials to avoid): Oxidizing material can cause a reaction
Conditions to Avoid: None Known

XI. TOXICOLOGICAL INFORMATION

Acute Oral LD50 (mg/kg): 
Acute Dermal LD50 (mg/kg): 
Acute Inhalation LC50 (mg/L) Rat: 8.67 mg/L

XII. ECOLOGICAL INFORMATION

Ecotoxicity Data: No Data Available - at this time
Chemical Fate Data: No Data Available - at this time

XIII. DISPOSAL CONSIDERATIONS

Waste Disposal Method: May be incinerated under conditions complying with Federal, State, and Local environmental control regulations
Precautions to be Taken in Handling and Storage: Ignitable
Other Precautions: Classified as hazardous waste

XIV. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

Proper Shipping Name: Combustible Liquid N.O.S. Cyclosiloxane
Hazard Class: C
UN/NA Number: NA 1993
Packing Group: III
Label Statements: None

WATER TRANSPORTATION

Proper Shipping Name: Flammable Liquid N.O.S. Cyclosiloxane
Hazard Class: 3
UN/NA Number: UN 1993
Packing Group: III
Label Statements: Flammable Liquid

AIR TRANSPORTATION

Proper Shipping Name: Flammable Liquid N.O.S. Cyclosiloxane
Hazard Class: 3
UN/NA Number: UN 1993
Packing Group: III
Label Statements: Flammable Liquid
OTHER AGENCIES:
SECTION 14 NOTES:

XV. REGULATORY INFORMATION

U.S. Federal Regulations
TSCA (Toxic Substance Control Act) All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances

International Regulations
Section 302 Extremely Hazardous Substance (40 CFR 355): None
Section 304 CERCLA Hazardous Substance (40 CFR 302): None
Section 311/312 Hazard Class (40 CFR 370)
Acute: No; Chronic: No; Fire: Yes; Pressure: No; Reactive: No
Section 313 Toxic Chemicals (40 CFR 372): None Present

State Regulations
CA - Warning: This products contains the following chemicals listed by the state of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 as being known to cause cancer, birth defects and or other reproductive harm: NONE KNOWN

MA - No ingredient regulated by MA Right-to-Know law present

NJ & PA -
541-02-6 >60.0% Decamethylcyclopentasiloxane
None <=4.0% Dimethylcyclosiloxanes

XVI. OTHER INFORMATION

Other Information
NFPA Profile
Health – 0
Flammability – 2
Reactivity - 0

Disclaimer
The data provided in this MSDS is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. Before using, user shall determine the suitability of the product for the intended use.

Data Approved by: TGM
Date: January 2016

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