



MATERIAL SAFETY DATA SHEET

Aerosol Food Grade Silicone

I - PRODUCT IDENTIFICATION

Company Name: Nu-Calgon Wholesaler, Inc.
Address: 2008 Altom Court, St. Louis, MO 63146-4151
Product Name: Aerosol Food Grade Silicone
Synonyms: Aerosol Lubricant

Tel No: (314) 469-7000, (800) 554-5499
CHEMTREC: (800) 424-9300
Product Number: 4084

II - HAZARDOUS INGREDIENTS OF MIXTURES

<u>MATERIAL</u>	<u>CAS#</u>	<u>% By Wt</u>	<u>TLV</u>	<u>PEL</u>
Poly-Dimethylsiloxane	63148-62-9	4-12	N/E	N/E
Hexane	110-54-3	40-50	50ppm	50ppm
Isobutane/propane blend	75-28-5; 74-98-6	40-50	800 ppm	800 ppm

#Ingredient subject to reporting under Section 313 of Title III (SARA) and 40 CFR 372

All ingredients are TSCA listed.

III - PHYSICAL DATA

Vapor Pressure: PSIG @ 70°F: Max 60
Evaporation Rate: (ether=1)
Solubility in H₂O: Insoluble
Freezing Point °F: N/A
Boiling Point °F: N/A
Specific Gravity H₂O=1 @25° C: 0.695

Vapor Density (Air=1) 60-90° F: N/E
VOC Content (% by wt.): 95
pH @ Solution: N/A
pH as Distributed: N/A
Appearance: Clear colorless spray
Odor: Ketone odor

IV - FIRE AND EXPLOSION

Flash Point F: N/A **Flammable Limits:** Extremely Flammable

Extinguishing Media: CO₂, dry chemical, or foam.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus. Use water fog to prevent rupturing & exploding containers. Provide shielding for personnel.

Unusual Fire and Explosion Hazards: Do not expose aerosols to temperature above 130°F or container may rupture.

V - REACTIVITY DATA

Stability - Conditions to avoid: Stable - avoid open flame, sparks, heat, welding arc.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Conditions Contributing to Hazardous Polymerizations: Will not occur.

VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects),

A. ACUTE (Primary Route of Exposure) INHALATION: Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation. **EYES:** Irritation. **SKIN:** Irritation due to defatting of skin. **INGESTION:** Possible chemical pneumonitis is aspirated into lungs.

B. SUBCHRONIC, CHRONIC, OTHER: (Effects due to excessive exposure to the raw materials of this mixture) Excessive inhalation of hexane may cause nerve damage. May aggravate existing eye, skin, or upper respiratory conditions.

C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

VII - EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air. Resuscitate if necessary. Get medical attention.

EYES: Flush with water for at least 15 minutes. If irritated, seek medical attention.

SKIN: Wash with soap and water. If irritated, seek medical attention.

INGESTION: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

VIII - SPILL OR LEAK PROCEDURE

Spill Management: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER. CAUTION: Silicone makes surfaces slippery.

Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: If vapor concentration exceeds TLV, use respirator approved by NIOSH in a positive pressure mode.

Eye Protection: Safety glasses **Glove:** Neoprene

Other Clothing and Equipment: None

Ventilation: Provide local exhaust ventilation to keep TLV of all hazardous ingredients below acceptable limits and LEL in section II below stated limit.

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: Do not store above 130°F. Do not puncture or incinerate.

Additional Information: Keep away from children. Do not spray near fire or open flame.

NFPA

Health Hazard.....: 2

Fire Hazard.....: 4

Reactivity.....: 0

Specific Hazard...:

HMIS RATING

Health Hazard.....: 2

Fire Hazard.....: 4

Reactivity.....: 0

Personal Protection...: X (Sec. 9)

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