



24 Madison Road, Fairfield, New Jersey 07004, USA  
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### MATERIAL SAFETY DATA SHEET

#### Section 1 – Company and Product Identification

Issued by: JEEN International Corporation  
24 Madison Road  
Fairfield, New Jersey 07004  
Tel#: 973-439-1401

Chemtrec Emergency Tel.# 800-424-9300  
Chemtrec Int'l Tel.# 703-527-3887 (Collect Calls Accepted)

Product Trade Name: **JEESILC CPS-211**  
Chemical Name: Cyclomethicone  
Chemical Family: Silicone  
CAS Number: Mixture  
Description: Silicone Cyclics, D4, D5  
Health (NFPA): Flammability (NFPA): 2      Reactivity (NFPA): 0

Issuance Date: June 18, 2001

#### Section 2 – Hazardous Ingredients

This material contains no ingredients which are known to JEEN International Corp. to be hazardous unless listed below.

| CAS Number | Ingredients                  | Wt%  | Exposure Limits |
|------------|------------------------------|------|-----------------|
| 541026     | Decamethylcyclopentasiloxane | >90% | TWA 10 PPM      |
| 556672     | Octamethylcyclotetrasiloxane | <7   | TWA 10 PPM      |

#### Section 3 – Physical Data

|                              |           |                        |                   |
|------------------------------|-----------|------------------------|-------------------|
| Boiling Point, °F:           | NA        | Volatile, % by Weight: | ND                |
| Solubility in Water (%):     | Insoluble | Appearance @ 25°C:     | Liquid            |
| Specific Gravity @ 25°C:     | 0.95      | Odor:                  | Very little odor. |
| Vapor Pressure, mm Hg 25 °C: | ND        | Flash Point, PMCC, °F: | 171               |
| Vapor Density, (air=1):      | ND        |                        |                   |

#### Section 4 – Fire and Explosion Hazard Data

Flash Point: PMCC 171 °F Flammable Limits in Air, % by Volume: Unknown  
Lower: Undetermined      Upper: Undetermined  
Extinguishing Media: Use Carbon Dioxide or Dry chemical on small fires. Use foam (alcohol, polymer or ordinary) and water spray for large fires.  
Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.  
Unusual Fire and Explosion Hazards: Static electricity is not expected to build up, and product is not sensitive to static.

#### Section 5 – Health Hazard Data

Threshold Limit Value: See Hazardous Ingredients Section.  
Effects of overexposure: Contact with skin or eyes may cause temporary irritation. Inhalation for short exposures of less than 8 hours should not cause injury. Oral contact from the fingers to the mouth should not injure. Swallowing large amounts may cause digestive discomfort.  
Emergency and First Aid Procedures: Flush eyes with copious amounts of water for a minimum of 15 minutes. Wash contacted skin areas with soap and water. If irritation develops, consults a physician. Soaked clothing should be changed.

#### Section 6 – Reactivity Data

Stability: Stable [X]      Unstable [ ]  
Incompatibilities (Materials to Avoid): Strong oxidizing material can cause a reaction.  
Hazardous Decomposition Products: Silicon dioxide, carbon oxides trace amounts of formaldehyde may form when heated above 300°F.  
Hazardous Polymerization: May occur [ ]      Will not occur [X]  
Conditions to Avoid: See above statements.



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**Section 7 – Spill, Leak and Disposal Procedures**

Action to take for spills: (Use appropriate Safety Equipment) Use absorbent material to collect and contain for disposal. Contain large spills and pump into a suitable tank. Wash area with suitable detergent and thoroughly rinse.  
 Disposal Method: All Local, State and Federal Regulations concerning health and pollution should be reviewed to determine approved disposal procedures.

**Section 8 – Special Handling Information**

Ventilation:

- |    |                                |                                                                             |
|----|--------------------------------|-----------------------------------------------------------------------------|
| 1. | Local Exhaust:                 | None should be needed.                                                      |
| 2. | Mechanical (general):          | Recommended.                                                                |
| 3. | Respiratory Protection (type): | Canister for organic vapors (i.e. type GMA from Mine Safety Appliance Co.). |
| 4. | Protective Clothing:           | Clean, body-covering clothing.                                              |
| 5. | Eye Protection:                | Safety glasses                                                              |
| 6. | Other Protective Equipment:    | Eye Fountain and Safety Shower in work area.                                |

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Keep container closed and stored away from heat, sparks and open flame.

**Section 9 - Transport Information**

Proper Shipping Name: Combustible Liquid, N.O.S.  
 Hazard Technical Name: Cyclosiloxane  
 Hazard Class: Combustible Liquid  
 UN/NA Number: NA 1993  
 Packing Group: III

**EPA SARA Title III Chemical Listings:**

|                                                    |                                           |
|----------------------------------------------------|-------------------------------------------|
| Section 302 Extremely Hazardous Substances:        | None                                      |
| Section 304 CERCLA Hazardous Substances:           | None                                      |
| Section 312 Hazard Class: Acute: NO    Chronic: NO | Fire: YES    Pressure: NO    Reactive: NO |

**Supplemental State Compliance Information**

**NEW JERSEY:**

| CAS Number | Ingredients                   | Wt% |
|------------|-------------------------------|-----|
| 541026     | Decamethylcyclopentasiloxane  | >90 |
| 540976     | Dodecamethylcyclohexasiloxane | <5  |
| 556672     | Octamethylcyclotetrasiloxane  | <7  |

**PENNSYLVANIA:**

| CAS Number | Ingredients                   | Wt% |
|------------|-------------------------------|-----|
| 541026     | Decamethylcyclopentasiloxane  | >90 |
| 540976     | Dodecamethylcyclohexasiloxane | <5  |
| 556672     | Octamethylcyclotetrasiloxane  | <7  |

California Prop. 65: None

Section 313 Toxic Chemicals: None present or none present in regulated quantities.

These data are offered in good faith as typical values and not as a Product Specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable; however, each user should review these recommendations in the specific context of intended use and determine whether they are appropriate.