

## **SAFETY DATA SHEET**

### **1. Product and Company Identification**

**Product Name:** 525 Food Grade Silicone

**Product Code:** LA525                   **Product Type:** Aerosol

**Product Use:** Silicone Lubricant

**Manufacturer:** Federal Process Corp           **Revision Date:** 3/26/2018

**Address:** 4520 Richmond Road  
Cleveland, Ohio 44128.      **Phone:** 1-800-846-7325

**Emergency Telephone Number:** Call Chemtrec at 1-800-424-9300

**NOTE:** The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We provide this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards. We provide this information as guidance for providing personal protection to your employees.

### **2. Hazard Identification**

#### **GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Aerosols	Category 1
Gases under pressure	Liquefied gas
Eye irritation	Category 2A
Specific target organ toxicity, single exposure	Category 3
Aspiration hazard	Category 1 Central nervous system,

#### **Label Elements**

##### **Pictograms**



**Signal Word:** Danger

##### **Hazard Statement(s)**

- H222 Extremely flammable aerosol
- H280 Contains gas under pressure; may explode if heated
- H336 May cause drowsiness or dizziness
- H304 May be fatal if swallowed and enters airways
- H319 Causes serious eye irritation.

##### **Precautionary Statements:**

- P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use
P261	Avoid breathing dust/fume/gas/mist vapors/spray
P264	Wash...thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection/face protection.
P305+P351	
+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313	If eye irritation persists: Get medical advice/attention.
P301+P310	If Swallowed: Immediately call a poison center or doctor
P331	Do not induce vomiting
P304+P340	If Inhaled: Remove person to fresh air and keep comfortable for breathing.
P312	Call a poison center/doctor/ if you feel unwell.

#### **Response and Storage**

P403+P233	Store in well ventilated place Keep container tightly closed.
P405	Store locked up
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F
P501	Dispose of contents/container in accordance with local/regional regulations.

### **3. Composition Information on ingredients**

Ingredients	CAS #	Percent
Liquefied Petroleum Gas	68476-86-8	20-40%
Dimethylpolysiloxane	63148-62-9	5-20%
Acetone	67-64-1	35-50%
Paraffinic Naphthenic Solvent	64742-47-8	20-30%

### **4. First Aid Measures**

#### **Eye Contact:**

Flush with warm water for 15 minutes. Seek medical attention.

#### **Skin Contact:**

Wash with soap and water. Remove any contaminated clothing and launder before reusing. If irritation persists, seek medical attention.

#### **Inhalation:**

Remove exposed individual to fresh air, protecting yourself. Restore breathing if necessary. Contact a physician.

#### **Ingestion:**

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a

physician, medical facility, or poison control center. Do not induce vomiting. If possible, do not leave individual unattended.

## 5. Fire Fighting Measures

**Flash Point:** Flash point of propellant portion < -50°F

**Flammable limits in air, % by volume:**

<b>Upper:</b>	No Information
<b>Lower:</b>	No Information

**Extinguishing Media:**

Dry chemical, carbon dioxide, halon, or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen, take proper precautions when using these materials.

**Unusual Fire & Explosion Hazards:**

This material may be ignited by extreme heat, sparks, flames or other ignition sources (static electricity). Vapors are heavier than air and will collect in low areas (sewers) or travel considerable distances. If containers are not cooled in a fire, they may rupture and ignite.

**Special Fire Fighting Procedures:**

At elevated temperatures (over 130F) aerosol container may burst, vent or rupture; use equipment or shielding to protect personnel. Cooling exposed containers with streams of water may be helpful. Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out and try to contain spills or leaks if it can be done safely. Material will float on water, avoid spreading the fire.

## 6. Accidental Release Measures

**Spill or Leak Instructions**

Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place leaking containers in well-ventilated area. Clean up small spills by using a nonflammable absorbent or flushing sparingly with water. Contain larger spills with nonflammable diking or absorbent. Clean up by vacuuming or sweeping.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Assess the spill situation, as the spill may not evolve large amounts of hazardous airborne contaminants in many outdoor spill situations. It may be advisable in some cases to simply monitor the situation until spilled product is removed.

## 7. Handling and Storage

**Handling:**

Store below 120°F in cool, dry area, out of direct sunlight and away from strong oxidizers. Do not puncture or burst. Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water

after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers Do not incinerate

**Storage:**

Store in a cool, dry area, away from heat or direct sunlight. Keep containers closed when not in use. Do not store with incompatible materials

## **8. Exposure Controls / Personal Protection**

**Protective Equipment:**

Use synthetic gloves if necessary to prevent excessive skin contact. Do not wear contacts and always use ANSI approved safety glasses or splash shield.

**Engineering Controls:**

General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

**Respiratory Protection:**

Use adequate ventilation to maintain exposure limits. If the exposure limits of the products or any of its components is exceeded, an approved organic vapor mask should be used (consult your safety equipment supplier). Above exposure levels an approved self-contained breathing apparatus or airline respirator with full face-piece is required

**Other Suggested Equipment:**

Eye wash station and emergency showers should be available. Spill containment equipment should be available.

**Discretion Advised:**

We take no responsibility for determining what measures are required for personal protection in any specific application. The general information should be used with discretion.

**Exposure guidelines:**

Ingredients	CAS #	Exposure Limits
Liquefied Petroleum Gas	68476-86-8	OSHA (PEL) 1000 ppm ACGIH TLV 1000 ppm
Dimethylpolysiloxane	63148-62-9	OSHA TVL Oil Mist 5mg/m3
Acetone	67-64-1	OSHA (PEL) 1000 ppm ACGIH (TLV) 500 ppm
Paraffinic Naphthenic Solvent	64742-47-8	Supplier Recommended TWA 100ppm

## **9. Physical and Chemical Properties**

**Boiling Point:** NA  
**Vapor Density:** >1(Air=1)  
**Odor/Appearance:** Clear mist as dispensed from aerosol can.  
**Evaporation Rate:** Ether = 1 Slower

**Specific Gravity:** <1  
**Water Solubility:** Negligible

## 10. Stability and Reactivity

**Stability:** Stable  
**Incompatibility:** Strong-Oxidizing Agents  
**Hazardous Decomposition:** Combustion will produce Carbon Monoxide, Carbon Dioxide and hydrocarbons..  
**Hazardous Polymerization:** Will not occur

## 11. Toxicological Information

### Component Toxicological Information:

#### Acetone

Acute Oral	LD50 Rat 5,800 mg/kg
Acute inhalation	LC50 Rat 76 mg/l 4 h
Acute dermal	LD50 > 7,426 mg/kg

#### Paraffinic Naphthenic Solvent

Acute Oral	LD50 Rat >5,000 mg/kg
Acute Inhalation	LC50 Rat (4 hour) >6.8 mg/l
Acute dermal	LD50 rabbit: 2,000 – 4,000 mg/kg

## 12. Ecological Information

#### Acetone

Toxicity to fish	LC50- Oncorhynchus mykiss (rainbow trout) – 5,540 mg/l 96h
Toxicity to daphnia and	
Other aquatic invertebrates	LC 50 – Daphnia magna (water flea) – 8,000 mg/l – 48h

## 13. Disposal Considerations

Do not puncture or burn containers. Give empty, leaking, or full containers to disposal service equipped to handle and dispose of aerosol (pressurized) containers. Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste. See Section 9 - Physical and Chemical Properties.

## 14. Transport Information

DOT  
Consumer Commodity ORM-D

AIR (IATA)  
ID8000 Consumer Commodity

Vessel  
Aerosol (Limited Quantity), Class 2.1, UN1950, ERG126

## 15. Regulatory Information

### Environmental Regulations

#### SARA 302/304:

None

#### SARA 311/312:

Immediate (x) Delayed ( ) Fire ( x ) Reactive ( ) Sudden Release of Pressure ( x )

#### Section 313

This product contains:

#### California Prop 65

None

All the chemicals used in this product are TSCA listed.

Check with your local regulators to be sure all local regulations are met.

## 16. Other Information

**Hazard ratings** This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

**NFPA:** Level 3 Aerosol

**HMIS:** Health: 2 Flammability: 4 Reactivity: 0

RATING: 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT

#### Note:

For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.