



**Section 1. Product and Company Identification**

Product Identifier **L451 - Silicone Free No Rub Polish**

Product Use Description: Aerosol Can containing volatile solvent coating for use in automobiles

**Manufacturer or suppliers' details**

P & S Sales, Inc  
20943 Cabot Blvd.  
Hayward CA 94545

Emergency Number: 800-255-3924  
Customer Service: 510-732-2628  
Business Fax: 510-732-2632

**Section 2. Hazards Identification**

**GHS Classification**

**Flammable Aerosol** : Category 1

**Gases under pressure** : Liquefied Gass

**Specific target organ toxicity - single exposure** : Category 3

**Skin Corrosion/Irritation** : Category 2

**Aspiration Hazard** : Category 1

**GHS Label Elements**

**Hazard pictograms**



**Hazard Word** **Danger**

**Hazard Statements**

**Extremely flammable aerosol**  
**Contains gas under pressure; may explode if heated**  
**Causes skin irritation**  
**May be fatal if swallowed and enters airways**  
**May cause drowsiness or dizziness**

**Precautionary Statements**



**Obtain special instructions before use**

**Do not handle until all safety precautions have been read and understood**

**Keep away from heat/sparks/open flames/hot surfaces – No smoking**

**Pressurized container – Do not pierce or burn, even after use**

**Ground/bond container and receiving equipment**

**Use explosion-proof electrical/ventilating/light/.../equipment**

**Use only non-sparking tools**

**Take precautionary measures against static discharge**

**Avoid breathing dust/fume/gas/mist/vapours/spray**

**Wash skin thoroughly after handling**

**Use only outdoors or in a well-ventilated area**

**Wear protective gloves/protective clothing/eye protection/face protection**

**Use personal protective equipment as required**

**IF SWALLOWED:**

**Immediately call a POISON CENTER or doctor/physician**

**IF ON SKIN:**

**Wash with soap and water**

**Rinse skin with water/shower**

**IF INHALED:**

**Remove victim to fresh air and keep at rest in a position comfortable for breathing**

**Call a POISON CENTER or doctor/physician if you feel unwell**

**IF EXPOSED OR CONCERNED:**

**Get medical advice/attention**

**Do NOT induce vomiting**

**IF SKIN IRRITATION OCCURS:**

**Get medical advice/attention**

**Take off contaminated clothing and wash before reuse**

**IN CASE OF FIRE:**

**Use dry sand, dry chemical or alcohol resistant foam for extinction.**

**Store in a well ventilated place**

**Keep container tightly closed**

**Keep cool**

**Dispose of contents/container to an approved waste disposal plant.**

### **3. Composition Information on Ingredients**

<b>CAS Number</b>	<b>Wt %</b>	<b>Component Name</b>
68476-86-8	40-60%	Hydrocarbon Propellant
142-82-5	20-40%	Aliphatic Hydrocarbon

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

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



**Eye Contact:**

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

**Skin Contact:**

In case of skin contact, remove any contaminated clothing and wash skin with soap and water. Launder or dry-clean clothing before reuse. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

**Inhalation:**

If overcome by vapor, remove victim to fresh air and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

**Ingestion:**

If ingested, DO NOT induce vomiting; call a physician immediately.

**5. Fire Fighting Measures**

**EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES**

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

Use dry chemical, foam or carbon dioxide to extinguish the fire. "Water may be ineffective", but water should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing of gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

**DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS**

Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

**6. Accidental Release Measures**

**CLEAN WATER ACT / OIL POLLUTION ACT**

This product may be classified as an oil under Section 311 of the Clean Water Act, and under the Oil Pollution Act. Discharges or spills into or leading to surface waters that cause a sheen must be reported to the National Response Center (1-800-424-8802).

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas.

Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, combustible vapors from absorbed material.

**7. Handling and Storage**



**HANDLING PRECAUTIONS**

This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Keep product away from ignition sources, such as heat, sparks, pilot lights, static electricity, and open flames.

**8. Exposure Controls and Personal Protection**

68476-86-8	Hydrocarbon Propellant	1000 ppm	ACGIH TLV
142-82-5	Aliphatic Hydrocarbon	400 ppm	ACGIH TWA
		85 ppm	NIOSH REL
		500 ppm	OSHA PEL
		500 ppm	OSHA STEL

**Ventilation:**

Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking, or use of flame or other ignition sources.

**Respiratory Protection:**

If the exposure limit is exceeded and engineering controls are not feasible, wear a supplied air, full-facepiece respirator, airlined hood, or full-facepiece self-contained breathing apparatus. Breathing air quality must meet the requirements of the OSHA respiratory protection standard (29CFR1910.134).

**Protective Gloves:**

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

**Eye Protection:**

Use splash goggles or face shield when eye contact may occur.

**Work Practices:**

To prevent fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system in accordance with (THE) National Fire Protection Association PUBLICATIONS.

**9. Physical and Chemical Properties**

<b>Flash Point</b> -23°C (-9°F) TCC	<b>Upper Flamability Limit</b> N/A
<b>Auto Ignition</b> 224°C (435°F)	<b>Lower Flamability Limit</b> N/A
<b>Physical State</b> Aerosol Can	<b>Color</b> Clear Colorless
<b>pH</b> NA	<b>Vapor Press</b> 46 mmHg
<b>Specific Gravity</b> .65	<b>Viscosity</b>
<b>Vapor Density (Air=1)</b> >1.0	<b>Melting Point °F</b> unknown
<b>Water Solubility</b> very low	<b>Odor</b> Light Hydrocarbon
	<b>VOC Content</b> >80%, 4.78 lb/gal

**10. Stability and Reactivity**

**Stability** Stable

**Hazardous Polymerization** Not Expected to Occur

**Conditions to Avoid** Keep away from extreme heat, Strong Acids, Alkalies and Oxidizers such as Chlorine, other Halogens, Hydrogen Peroxide and Oxygen

**Hazardous**



**Decomposition Products** data is available.

### 11. Toxicological Information

#### NATURE OF HAZARD AND TOXICITY INFORMATION

Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged to be neither a "corrosive" nor an "irritant" by OSHA criteria.

This product is judged to have an acute oral LD50 (rat) greater than 5 g/kg of body weight, and an acute dermal LD50 (rabbit) greater than 3.16 g/kg of body weight.

### 12. Ecological Information

Aliphatic Hydrocarbons - Aquatic LC50 (24hr) Fish = 4 mg/L  
48 hr EC50 Daphnia = 1.5 mg/L  
96 hr EC50 Algae - 3.7 mg/L

### 13. Disposal Considerations

Options for disposal of this product may depend on the conditions under which it was used. To determine the proper method of disposal, refer to RCRA (40 CFR 261), as well as federal EPA and state and local regulations.

Please refer to Sections 5, 6 and 15 for additional information.

### 14. Transportation Information

DOT UN1950, Aerosol Flammable, 2.1  
IATA ID8000, Consumer Commodity, 9  
IMDG UN1950, Aerosol Flammable, 2.1

### 15. Regulatory Information

THRESHOLD PLANNING QUANTITY (TPQ), EPA REGULATION 40 CFR 355  
(SARA Sections 301-304)

No TPQ for product or any constituent greater than 1% or 0.1% (carcinogen).

TOXIC CHEMICAL RELEASE REPORTING, EPA REGULATION 40 CFR 372 (SARA Section 313)

This product contains approximately 1.8% Methylcyclopentane

HAZARDOUS CHEMICAL REPORTING, EPA REGULATION 40 CFR 370 (SARA Sections 311-312)

EPA Hazard Classification Codes: Chronic, Health Hazard, Fire

TOXIC SUBSTANCES CONTROL ACT (TSCA)



This product does not contain polychlorinated biphenyls (PCB's).

All components of this product are listed on the U.S. TSCA inventory.

Warning: This product contains a chemical known to the state of California to cause Cancer.

#### Clean Air Act

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):  
110-54-3 Hexane 0.5 % 108-88-3 Toluene 0.0549 % 100-41-4 Ethylbenzene 0.0009 % 71-43-2 Benzene 0.0009 %

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCOMI Intermediate or Final VOC's (40 CFR 60.489):

110-82-7 Cyclohexane 7.8 % 108-88-3 Toluene 0.0549 % 100-41-4 Ethylbenzene 0.0009 % 71-43-2 Benzene 0.0009 %

#### Clean Water Act

The following Hazardous Substances are listed under the U.S. Clean Water Act, Section 311, Table 116.4A:  
110-54-3 Hexane 0.5 % 108-88-3 Toluene 0.0549 % 100-41-4 Ethylbenzene 0.0009 % 71-43-2 Benzene 0.0009 %

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following Hazardous Chemicals are listed under the U.S. Clean Water Act, Section 311, Table 117.3:

110-82-7 Cyclohexane 7.8 % 108-88-3 Toluene 0.0549 % 100-41-4 Ethylbenzene 0.0009 % 71-43-2 Benzene 0.0009

#### 16. Other Information

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The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.

#### Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH American Conference of Government Industrial Hygienists

LD50 Lethal Dose 50%

AICS Australia, Inventory of Chemical Substances

LOAEL Lowest Observed Adverse Effect Level

DSL Canada, Domestic Substances List

NFPA National Fire Protection Agency

NDSL Canada, Non-Domestic Substances List

NIOSH National Institute for Occupational Safety & Health

CNS Central Nervous System

NTP National Toxicology Program

CAS Chemical Abstract Service

NZIoC New Zealand Inventory of Chemicals

EC50 Effective Concentration

NOAEL No Observable Adverse Effect Level

EC50 Effective Concentration 50%

NOEC No Observed Effect Concentration



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EGEST EOSCA Generic Exposure Scenario Tool  
OSHA Occupational Safety & Health Administration  
EOSCA European Oilfield Specialty Chemicals Association  
PEL Permissible Exposure Limit  
EINECS European Inventory of Existing Chemical Substances  
PICCS Philipines Inventory of Commercial Chemical Substances  
MAK Germany Maximum Concentration Values  
PRNT Presumed Not Toxic  
GHS Globally Harmonized System  
RCRA Resource Conservation Recovery Act  
>= Greater Than or Equal To  
STEL Short-term Exposure Limit  
IC50 Inhibition Concentration 50%  
SARA Superfund Amendments and Reauthorization Act.  
IARC International Agency for Research on Cancer  
TLV Threshold Limit Value  
IECSC Inventory of Existing Chemical Substances in China  
TWA Time Weighted Average  
ENCS Japan, Inventory of Existing and New Chemical Substances  
TSCA Toxic Substance Control Act  
KECI Korea, Existing Chemical Inventory  
UVCB Unknown or Variable Composition, Complex Reaction Products, and Biological Materials  
<= Less Than or Equal To  
WHMIS Workplace Hazardous Materials Information System  
LC50 Lethal Concentration 50%