

# SAFETY DATA SHEET.

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Version 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product name** S-154 HI-LINE SILICONE SPRAY

### Recommended use of the chemical and restrictions on use

**Product code** S-154

**Product Type** Flammable aerosol  
**Synonyms** None

### Supplier's details

**Recommended Use** Silicone Spray.  
**Uses advised against** No information available

**Manufacturer**  
Plastic Process Equipment, Inc.  
8303 Corporate Park Dr.  
Macedonia, Ohio 44056  
phone 800-321-0562

**Emergency telephone number**  
**Chemical Emergency Phone Number** Chemtrec 1-800-535-5053  
**Emergency telephone** 800-535-5053

## 2. HAZARDS IDENTIFICATION

### Classification

Serious eye damage/eye irritation	Category 2B
Flammable aerosols	Category 2
Gases under pressure	Compressed Gas

### GHS Label elements, including precautionary statements

#### Emergency Overview

#### DANGER

#### Hazard Statements

Causes eye irritation  
Flammable aerosol  
Contains gas under pressure; may explode if heated



**Appearance** Clear

**Physical state** Aerosol

**Odor** Solvent

#### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Do not spray on an open flame or other ignition source  
Pressurized container: Do not pierce or burn, even after use

#### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention

#### Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place  
Do not expose to temperatures exceeding 122°F (50°C)

#### Hazards not otherwise classified (HNOC)

None

#### Other information

0% of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	50-60

DICHLOROFLUOROETHANE	1717-00-6	40-50
DIMETHYL POLYSILOXANE	63148-62-9	1-10

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

##### First aid measures for different exposure routes

<b>General advice</b>	Under normal conditions of intended use, this product does not pose a risk to health . Excessive exposure may result in eye, skin, or respiratory irritation.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Get medical attention immediately if symptoms occur.
<b>Inhalation</b>	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

##### Most important symptoms/effects, acute and delayed

<b>Main Symptoms</b>	Causes eye irritation . May cause respiratory irritation. May be harmful if swallowed. Inhalation causing Central Nervous System effects.
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##### Indication of immediate medical attention and special treatment needed, if necessary

<b>Notes to physician</b>	Treat symptomatically.
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#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Water fog. Dry chemical. Carbon Dioxide (CO2). Cool containers/tanks with water spray.

**Unsuitable Extinguishing Media** Keep away from sources of ignition - No smoking.

##### Specific hazards arising from the chemical

Extremely flammable/Flammable. Keep product and empty container away from heat and sources of ignition.

##### Explosion Data

**Sensitivity to Mechanical Impact** none.

**Sensitivity to Static Discharge** Yes.

##### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Use with adequate ventilation to keep the exposure levels below the OELS.
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##### Environmental precautions

**Environmental precautions** Report spills as required by local and federal regulations.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Contain liquid and collect with an inert, non-combustible material.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with eyes. Avoid breathing vapors or mists. Do not puncture or incinerate cans. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.

**Conditions for safe storage, including any incompatibilities**

**Technical measures/Storage conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible products** Store away from strong acids, alkalis, or oxidizing agents.

**Aerosol Level** 2

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	74-98-6: TWA: 1000 ppm 106-97-8: STEL: 1000 ppm 75-28-5: STEL: 1000 ppm	74-98-6: TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> 106-97-8: (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	74-98-6: IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> 106-97-8: TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup> 75-28-5: TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

**Exposure controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and body protection** Chemical resistant apron. Protective gloves.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and chemical properties**

<b>Physical state</b>	Aerosol	<b>Odor</b>	Solvent
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	
<b>Color</b>	colorless		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Methods</u></b>
<b>pH</b>	No information available	
<b>Melting/freezing point</b>	No information available	
<b>Boiling point/boiling range</b>	No information available	
<b>Flash Point</b>	-96.4 °C / -141 °F	Based on propellant
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limits in Air</b>		
<b>upper flammability limit</b>	No information available	
<b>lower flammability limit</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Specific Gravity</b>	0.884	
<b>Water solubility</b>	Practically insoluble	
<b>Partition coefficient: n-octanol/water</b>		
<b>Autoignition temperature</b>	No information available	Not applicable
<b>Decomposition temperature</b>		
<b>Viscosity</b>	No information available	
<b>Explosive properties</b>		

**Other information**

**VOC Content(%)** 50

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

Store away from strong acids,alkalis, or oxidizing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known information
<b>Inhalation</b>	Exposure to high vapour concentrations may cause nervous systems effects such as headache, nausea, and dizziness.
<b>Eye contact</b>	Irritating to eyes.

**Skin contact** May cause skin irritation .

**Ingestion** May be harmful if swallowed.

#### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
DICHLOROFLUOROETHANE 1717-00-6	> 5 g/kg ( Rat )	-	= 56700 ppm ( Rat ) 6 h

#### Information on toxicological effects

**Symptoms** Harmful if swallowed.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** May cause skin irritation.  
**Eye damage/irritation** Irritating to eyes.  
**Sensitization** None known.  
**Germ Cell Mutagenicity** None known.  
**Carcinogenicity** Contains no ingredient listed as a carcinogen.  
**Reproductive toxicity** This product does not contain any known or suspected reproductive hazards.  
**Specific target organ systemic toxicity (single exposure)** None known.  
**Specific target organ systemic toxicity (repeated exposure)** None known.  
**Chronic toxicity** Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may defat the skin and produce dermatitis.

**Aspiration hazard** Not applicable.

#### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity  
 The following values are calculated based on chapter 3.1 of the GHS document .  
**ATEmix (oral)** 10896 mg/kg

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	-	-	-	-
DIMETHYL POLYSILOXANE 63148-62-9	-	-	-	>10,000mg/L EC50 Daaphina magna 48 h

#### Persistence and degradability

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#### Bioaccumulation

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Chemical Name	log Pow
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	<=2.8

**Other adverse effects** No information available

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment**

<b>Waste Disposal Methods</b>	It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.
<b>Contaminated packaging</b>	Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

<b>DOT Ground</b>	CONSUMER COMMODITY ORM-D or LIMITED QUANTITY
<b>IATA</b>	UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.
<b>IMDG</b>	UN1950, AEROSOLS, 2.1,LTD.QTY.

### 15. REGULATORY INFORMATION

**International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
PROPANE/ISOBUTANE/N-BUTANE	X	X	X	Not listed	X	X	X	X
DICHLOROFLUOROETHANE	X	X	X	X	X	X	X	X
DIMETHYL POLYSILOXANE	X	X	Not listed	x	X	X	X	X

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**CHINA** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %*	SARA 313 - Threshold Values %
DICHLOROFLUOROETHANE - 1717-00-6	1717-00-6	40-50	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	no
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	no

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product does not contain any known Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
DICHLOROFLUOROETHANE 1717-00-6	X		

EPA Pesticide Registration Number Not applicable

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazard 2	Flammability 4	Instability 0	Physical and chemical hazards -
<b>HMIS</b>	Health Hazard 2	Flammability 4	Physical Hazard 1	Personal protection B

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**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**