

# **PTFE SPRAY™ LIGHT COAT w/PTFE SAFETY DATA SHEET**

## **Section 1- Product and Company Identification**

**Manufacture/Supplier :** Anti-Seize Technology  
2345 N. 17<sup>th</sup> Ave.  
Franklin Park, IL 60131

**Phone:** 847-455-2300

**Fax:** 847-455-2371

**Web:** antiseize.com

**Emergency Phone, 24 hr:** Infotrac @ 1-800-535-5053 ( US & Canada )

1-352-323-3500 ( International )

**Web:** infotrac.net

**Date:** June 16,2020

## **Section 2-Hazard Identification**

### **GHS Classification ( Hazcom 2012):**

Skin corrosion/irritation-Category 2

Serious eye damage/eye irritation-Category 2A

Reproductive Toxicity-Category 2

STOT (single exposure)-Category 3

STOT (repeated exposure)-Category 2

Aspiration Toxicity-Category 1

Flammable Aerosol-Category 1

Gases under pressure-Compressed gas

### **Label Elements:**



### **Signal word:**

Danger

### **Hazard Phrases:**

Causes skin irritation

Causes serious eye irritation

Suspected of damaging fertility or the unborn child

May cause respiratory irritation

May cause drowsiness or dizziness

May cause damage to organs (central nervous system) through prolonged or repeated exposure

May be fatal if swallowed and enters airways  
Extremely flammable aerosol  
Contains gas under pressure; may explode if heated

**Precautionary Phrases:**

**Prevention:**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wear protective gloves/protective clothing/eye protection/face protection  
Wash face hands and any exposed skin thoroughly after handling.  
Do not breath dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well ventilated area  
Keep away from heat/sparks/open flames/hot surfaces-No smoking  
Do not spray on an open flame or other ignition sources  
Pressurized container: Do not pierce or burn, even after use  
Toxic to aquatic life with long lasting effects

**Response:**

If exposed or concerned: Get medical advice/attention  
Specific treatment ( see first aid on label)

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 attention

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical attention/advice. Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing  
Call a POISON CENTER or doctor/physician if you feel unwell.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting

**Storage:**

Store locked up  
Store in a well ventilated place.  
Protect from sunlight.  
Do not expose to temperatures exceeding 122°F/50°C

**Disposal:** Dispose of contents

**Section 3- Composition/ Information on Ingredients**

CHEMICAL	CAS NUMBER	PERCENT
Hexane	110-54-3	50-60
Propane/isobutane/n-Butane	68476-86-8	20-30
Acetone	67-64-1	20-30
Polytetrafluoroethylene	9002-84-0	1-10
Xylene	1330-20-7	<0.1
Ethyl benzene	100-41-4	<0.1

The specific identity and/or exact percentage of composition has been withheld as a trade secret

#### Section 4 – First Aid Measures

**General advice:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors, mist or gas

**Eye:** Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing. If eye irritation persists, consult a doctor.

**Skin:** Wash off with soap and plenty of water. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re-use.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical service immediately.

**Ingestion:** Aspiration Hazard. DO NOT induce vomiting. Get immediate medical attention. Never give anything by mouth to unconscious person. Risk of product entering the lungs on vomiting after ingestion.

**Most Important symptoms and effects, both acute and delayed:** Causes eye and skin irritation. May cause respiratory irritation. Harmful if swallowed and enters airway.

**Indication of any immediate medical attention and special treatment needed:** Immediate medical attention required for ingestion.

#### Section 5 – Fire Fighting Measures

**Suitable and Unsuitable Extinguishing Media:** Use water spray or fog, foam, carbon dioxide or dry chemical.

**Special Hazards Arising from the Chemical:** Extremely flammable aerosol. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F may cause cans to burst. Combustion may produce carbon dioxide, carbon monoxide. In a fire do not use a solid water stream as it may scatter and spread fire.

**Special Equipment and Precautions for Fire-Fighters:** Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Protect against bursting cans.

#### Section 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate personal protective equipment to keep exposure below the OELS. Eliminate all sources of ignition with explosion-proof equipment. Ventilate area. Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Report spills as required by local and federal regulations.

**Environmental Hazards:** Report spills and releases as required to appropriate authorities.

**Methods and Material for Containment and Cleaning Up:** Place leaking container into a suitable container and place in a well-ventilated area until the propellant has dissipated. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

#### Section 7 – Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes. Avoid breathing vapors and mists. Use with adequate ventilation. Keep away from heat sources. Contents under pressure. Do not puncture or incinerate container. Do not smoke while using. Do not tamper with valve. Keep containers away from heat, flames, sparks and other sources of ignition. Keep 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:** Store in a cool, well-ventilated area at temperatures below 120°F. Do not store in direct sunlight. Store locked up.

**Section 8 – Exposure Controls / Personal Protection**

CHEMICAL NAME	EXPOSURE LIMITS
Hexane	50ppm TWA, ACGIH 500 ppm, TWA, OSHA
Propane/isobutane/n-Butane	1000ppm, TWA, ACGIH 1000ppm, TWA, OSHA
Acetone	500 ppm, TWA, ACGIH 1000 ppm, TWA, OSHA
Xylene	100 ppm TWA, OSHA 150 ppm STEL, OSHA
Ethyl Benzene	20 ppm TWA, ACGIH 125 ppm STEL, OSHA

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. If the product is used at high temperatures, local exhaust ventilation may be required.

**Individual Protection Measures:**

**Respiratory Protection:** In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin Protection:** Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact .

**Eye Protection:** Safety glasses or goggles recommended where needed to avoid eye contact.

**Section 9 – Physical and Chemical Properties**

<b>Appearance:</b> cloudy, off white aerosol	<b>Vapor Density (air = 1):</b> No data
<b>Odor:</b> mild solvent odor until dry	<b>Specific Gravity:</b> 0.67
<b>Odor Threshold:</b> Not established	<b>Water Solubility:</b> Not soluble
<b>pH:</b> Not available	<b>Octanol/Water Partition Coefficient:</b> Not available
<b>Melting Point/Freezing Point:</b> No data	<b>Autoignition Temperature:</b> Not available
<b>Boiling Point:</b> No data	<b>Decomposition Temperature:</b> Not available
<b>Flash Point:</b> -141°F / -96°C	<b>Viscosity:</b> Not available

<b>Evaporation Rate:</b> No data	<b>Explosion Properties:</b> None
<b>Flammable Limits:</b> LEL: Not established UEL: Not established	<b>Oxidizing Properties:</b> Not oxidizing
<b>Vapor Pressure:</b> Not established	<b>Aerosol Fire Protection Level:</b> Not applicable
<b>VOC Content:</b> 77.5	<b>Flammability (solid, gas):</b> Gas

<b>Section 10 – Stability and Reactivity</b>
--

**Reactivity:** Not reactive under normal conditions of use and storage conditions.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known

**Conditions to Avoid:** Use with strong oxidizing chemicals such as concentrated acids. Heat, flames and sparks.

**Incompatible Materials:** Avoid strong acids, oxidizing agents and alkalis.

**Hazardous Decomposition Products:** The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

<b>Section 11 – Toxicological Information</b>
---

Long term Toxicological studies have not been conducted for this product

**Potential Health Effects:**

**Eye:** May cause eye irritation.

**Skin:** Prolonged contact may cause mild irritation of the skin.

**Inhalation:** Avoid inhaling vapors or mists. Harmful if inhaled. May cause irritation to respiratory system.

**Ingestion:** Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea

**Chronic Hazards:** Prolonged inhalation of thermal decomposition products may result in lung damage. Do not use above 500°F.

**Carcinogen Status:** Ethyl Benzene IARC Group 2B, Xylene IARC Group 3, Polytetrafluoroethylene IARC Group 3

Chemical Name	LD 50 Oral	LD 50 Dermal	LC 50 Inhalation
Hexane 110-54-3	=25 g/kg (Rat)	=3000 mg/kg (rabbit)	=48000 ppm (Rat) 4 hr.
Acetone 67-64-1	=5800 mg/kg(rat)	>15,700 mg/kg (rabbit)	=50100 mg/m <sup>3</sup> (rat) 8 hr.
Xylene 1330-20-7	=3500 mg/kg (rat)	>4350 mg/kg (rabbit)	-29.08 mg/L (Rat) 4 hr.
Ethyl Benzene	=3500 mg/kg (Rat)	=15,400 mg/kg (Rabbit)	=17.4 mg/L (Rat) 4 hr.

**Information on toxicological effects**

**Symptoms:** Causes skin and eye irritation. May cause respiratory irritation. May cause drowsiness and dizziness. Harmful and may be fatal if ingested and enters airway.

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

**Skin corrosion/irritation:** Causes skin irritation

**Eye damage/irritation:** Irritating to eyes

**Germ cell mutagenicity:** Not a germ cell mutagen

**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. Eyes, skin, respiratory system, central nervous system, and peripheral nervous system. May be fatal if swallowed and enters airways.

## Section 12 – Ecological Information

**Long term ecological studies have not been conducted for this product**

**Ecotoxicity:** No Data based on the product as a whole

### Bioaccumulative Potential: ( of components)

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Hexane 110-54-3	-	2.1-2.98 mg/L LC50 Pimephales promelas 96 hr	-	-
Acetone 67-64-1	-	4.74-6.33mL/L LC50 96 hr flow rate	-	3.82mg/L EC50 Water flea
Xylene 1330-20-7	-	13.4mg/L LC50 Pimephales promelas		
Ethyl Benzene	4.6mg/L EC50 Pseudokirchneriella subcapitata 72 hr	11.0-18.0mg/L LC50 Oncorhynchus mykiss 96 hr.		

Bioaccumulation: Propane/isobutane/n-Butane-2.8 log Pow 2.8

Acetone: -0.24 Log Pow

Xylene 3.15 log Pow

Ethyl Benzene 3.2 log Pow

**Other Adverse Effects:** No Data

## Section 13 – Disposal Consideration

**Waste disposal:** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261) Dispose of in a responsible manner. Follow local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be landfilled at an approved facility.

## Section 14- Transport Information

**DOT Proper Shipping Name:** UN1950, Aerosols, flammable, 2.1, Limited Quantity

**DOT Technical Name:** None

**DOT Hazard Class:** 2.1

**UN Number:** UN1950

**DOT Labels Required (49CFR172.101):** LTD QTY

**IMDG Shipping Description:** UN1950, Aerosols, flammable, 2.1, Limited Quantity

**ID Number:** UN1950

**Hazard Class:** 2.1

**Packing Group:** None  
**Labels Required:** None  
**Marking Required:** Limited Quantity Mark  
**Placards Required:** Limited Quantity and Marine Pollutant Mark On Transport Containers

**ICAO/IATA**

**Proper shipping name:** UN1950, Aerosols, flammable, 2.1, Limited Quantity  
**Hazard Class:** 2.1  
**Identification Number:** UN 1950  
**Packing Group:** None

**Section 15 – Regulatory Information**

**Safety, health, and environmental regulations specific for the product in question.**

**CERCLA Hazardous Substances (Section 103)/RQ:** Hexane 5000lbs, Acetone 5000 lbs, Xylene 100 lbs, Ethyl Benzene 1000 lbs.

**SARA Hazard Category (311/312):** Fire Hazard, Pressure Hazard, Acute Health

**SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313: Hexane  
**SARA 311/312 Hazardous Categories**


Acute health-	Yes	
Chronic Health Star Hazard		Yes
Fire Hazard	Yes	
Sudden release of pressure hazard		Yes
Reactive Hazard	No	

**EPA TSCA Inventory:** All of the components of this product are listed on the TSCA inventory.

**DSL/NDSL:** All components of this product are listed.

**Clean Water Act:** This product does contain the following substances which are regulated pollutants pursuant to the Clean Water Act: Xylene 100lbs CWA-Reportable Quantities

Ethyl Benzene 1000lbs CWA Reportable Quantities

**CALIFORNIA PROPOSITION 65:**  **WARNING:** This product can expose you to Hexane which is known to the State of California to cause male reproductive toxicity and Ethyl Benzene which can cause Cancer (<0.1%)  
For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**Section 16 – Other Information:**

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of his product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.