



SAFTEY DATA SHEET – SP AEROSOL

REV. DATE: June 2015

Section 1. IDENTIFICATION

Product Name: SP AEROSOL
Product Identifier/Chemical Name: Urethane Mold Release
Material Use: Mold Release
Supplier/Manufacturer: Goldenwest Manufacturing Incorporated
2036 Nevada City Hwy, Box 573, Grass Valley, CA 95945
Phone: 530 272-1133 Fax: 530 272-1070

Emergency Phone: Chemtrec: 800-424-9300

Section 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

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

Gases under pressure - Liquefied Gas
Flammable Aerosol Category 2

GHS Label elements, including precautionary statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

Flammable aerosol.
Contains gas under pressure; may explode if heated.

Precautionary Statements

Prevention 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.

Storage Protect from sunlight. Store in a well-ventilated place.
Protect from sunlight.
Do no expose to temperatures exceeding 50°C/ 122°F

HMIS® III HAZARDOUS WARNINGS:

Health: 1 Flammability:
 2 Physical:



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Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS:

<u>COMPONENT</u>	<u>CAS #</u>	<u>Percent</u>
Halogenated hydrocarbon/ether	blend	Mixture 80-100

Section 4. FIRST AID MEASURES

Eyes:	Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.
Skin Contact:	In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. For liquid contact, treat for frostbite if necessary. Seek medical attention if symptoms persist. Seek medical attention if symptoms persist. Wash clothing before reuse.
Ingestion:	Do not induce vomiting. Aspiration into the lungs can cause serious damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact a physician, medical facility, or poison control center immediately.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

NOTES TO PHYSICIAN: Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

Section 5. FIRE-FIGHTING MEASURES

Fire and/or Explosion Hazards:	This product contains a component(s) that is considered an extremely flammable gas(es), which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. Containers may rupture or explode under fire conditions.
Fire Fighting Instructions:	Use CO ₂ , foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area.

Section 6. ACCIDENTAL RELEASE MEASURES

Steps to be Taken if Material is Released or Spilled:

Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. If runoff occurs, notify authorities as required.



Section 7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Do not use near ignition sources. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. May cause frostbite. Inhalation of respirable aerosols of the lubricant in this product may cause serious toxic effects in the lungs, based on animal studies. Use proper PPE.

Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120 degrees F. Empty container may contain residues which are hazardous. Store away from incompatible materials such as; materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases). Store away from oxygen cylinders or other oxidizing materials and possible ignition sources. Ground all equipment and cylinders before use.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated below, in this section of the MSDS (from known, suspected or apparent adverse effects).

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

COMPONENT	Halogenated hydrocarbon/ether blend
CAS #	Mixture
ACGIH TLV	Not established
OSHA PEL	Not established
OTHER	1000 ppm TWA (mfr.)

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Lower Flammability Limit (%):	Not applicable
Appearance:	Clear Colorless	Upper Flammability Limit (%):	Not applicable
Odor:	Slight ethereal.	Vapor Pressure (PSIG @ 70°F):	79.0
Odor Threshold:	Mild	Vapor Density [air = 1]:	2.04
pH:	Not applicable	Relative Density (H2O=1):	0.8
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Not determined
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water	No data available
Flash Point (°F PMCC):	Not applicable	Auto ignition Temperature (°F):	622
Evaporation Rate:	0.1-0.5 (n-Butyl acetate = 1)	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	40 - 60		



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Section 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: alkali, alkaline earth metals, powdered metals, ignition sources, such as, open flames, sparks, static discharges or glowing metal surfaces and oxidizers, acetic acids and organic acid anhydrides.

Decomposition Products: This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.), forming hydrofluoric acid and carbonyl fluoride. If heated with peroxides present, violent decomposition can occur.

Section 11. TOXICOLOGICAL INFORMATION

Inhalation Toxicity: Inhalation of respirable aerosols of the lubricant in this product may cause serious toxic effects in the lungs, based on animal studies. Use proper PPE

Reproductive & Developmental: No data available.

<u>Ingredient</u>	<u>CAS #</u>	<u>Toxicological Data</u>
Halogenated hydrocarbon	Mixture	ORAL ALD Rat 1500 mg/kg 4HR ALC Rat 383000 ppm Inhalation LC50 Rat = 164000 ppm
Ether propellant	115-10-6	

Section 12. ECOLOGICAL INFORMATION

Ecological Toxicity: No data available

Mobility: No data available

<u>Ingredient</u>	<u>CAS #</u>	<u>Toxicological Data</u>
Ether propellant	115-10-6	48HR NOEC GUPPIES 4000 mg/L 48HR NOEC Daphnia 4000 mg/L

Section 13. DISPOSAL CONSIDERATION

Disposal: Dispose according to Federal, State and local regulations.

Section 14. TRANSPORT INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1950	Aerosols, Flammable*	2.1	Not applicable
IATA	ID8000	Consumer Commodity*	9	Not applicable
IMDG	UN1950	Aerosols, Flammable*	2.1	Not applicable

* "Limited Quantities" may be applicable for this transportation mode.



Section 15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	REGULATORY BODY
No components listed in this section.			SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.
No components listed in this section. Prop65 Cancer

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.
No components listed in this section. Prop65 Birth Defects

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

Section 16. OTHER INFORMATION

Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).