

# SAFETY DATA SHEET

Prepared according to USA OSHA Hazcom 2012 / Canada WHMIS 2015



Date Issued : 01/07/2019  
SDS No : SPPV Panel Prep 510g\_ENG

## SPPV PANEL PREP, aerosol

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** SPPV PANEL PREP, aerosol  
**Product Description:** Surface Cleaner for Metal and Plastic, aerosol 510 g / 18 oz  
**General Use:** Surface Cleaners, general purpose degreaser  
**Product Stock/Code:** SPPV / 24048  
**Chemical Family:** Water-based Solvent  
**Molecular Formula:** Mixture

#### Manufacturer / Supplier

Dominion Sure Seal Ltd.  
6175 Danville Road, Mississauga  
Ontario, Canada L5T 2H7  
Fax: 905-670-5174  
www.dominionsureseal.com  
**Customer Service:** 905-670-5411

#### Emergency Telephone Numbers (24 hour)

CANUTEC : (613) 996-6666  
CHEMTREC : (800) 424-9300

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

The classification and label elements stated below were prepared in accordance with the USA OSHA Hazard Communication Standard (29 CFR 1910.1200; Hazcom 2012) and the Canadian WHMIS regulations (Hazardous Products Regulations; WHMIS 2015). This information may be different from the actual product label information for labels that are regulated by other agencies.

#### Health hazards:

Skin Sensitization, Category 1

#### Physical hazards:

Flammable Aerosols, Category 2  
Gases Under Pressure  
Simple Asphyxiants, Category 1

#### Label elements

Hazardous components for labelling:

#### 2-butoxyethanol and pine oils



Flame



Gas  
cylinder



Exclamation  
mark

**Signal Word:** WARNING

**Hazard statement(s)**

## SPPV PANEL PREP, aerosol

H223: Flammable aerosol.

H280: Contains gas under pressure; may explode if heated.

H317: May cause an allergic skin reaction.

H600: May displace oxygen and cause rapid suffocation.

### Precautionary statement(s)

#### Prevention:

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.

P264: Wash hands thoroughly after handling.

P261: Avoid breathing mist, vapours or spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves and eye protection.

#### Response:

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

#### Storage:

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P403: Store in a well-ventilated place.

#### Disposal:

P501: Dispose of contents/container in accordance with applicable local, regional and/or national regulations.

**Hazards Not Otherwise Classified:** No data available.

### Emergency Overview

**Immediate concerns:** Flammable aerosol. Substance causes slight eye irritation. Prolonged and repeated skin contact may lead to slight transient irritation in sensitive individuals. May cause sensitization by skin contact. Persons previously sensitized can experience allergic skin reaction with symptoms of reddening, itching, swelling, and rash. Vapor reduces oxygen availability for breathing.

**Comments:** See sections 9 and 10 for more detailed information on physicochemical effects.

See section 11 for more detailed information on health effects.

See sections 12 for more detailed information on environmental effects.

The actual container label may not include the above label elements. The labeling shown above applies to products used solely for industrial / professional use.

Consumer products should be labeled in accordance with the Canadian Consumer Chemicals and Containers Regulations and US Consumer Product Safety Commission regulations. Consumer product labeling takes precedence over Canadian WHMIS 2015 and OSHA Hazcom 2012 Hazard Communication labeling.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS number
Water (non-hazardous ingredient)	90 - 90.5	7732-18-5
Isobutane	7.5 - 8	75-28-5
2-butoxyethanol	1.3 - 1.5	111-76-2
pine oils	0.4 - 0.6	8002-09-3

**Comments:** There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the product and hence require reporting in this section.

#### **4. FIRST AID MEASURES**

**Eye Contact:** In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Get medical attention, if irritation persists.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and wash before reuse.

**Ingestion:** Rinse mouth with water. Give 1 to 2 glasses of water to drink. Get medical attention if symptoms occur.

**Inhalation:** If affected by inhalation of spray mist, move to fresh air. Get medical attention if symptoms persist.

##### **Signs and Symptoms of Overexposure**

**Eye Contact:** Mildly irritating to the eyes. Symptoms may include tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

**Skin Contact:** Substance does not generally irritate and is only mildly irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**Ingestion:** Substance may be harmful if swallowed.

**Inhalation:** High vapor or spray mist concentrations may be harmful if inhaled. Spray mist may be irritating to eyes and respiratory tracts. High vapor concentrations can displace oxygen in enclosed spaces and cause asphyxiation.

**Notes to Physician:** Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

**Additional Information:** No data available.

#### **5. FIRE FIGHTING MEASURES**

**Flammable Properties:** Flammable aerosol. Can readily form explosive mixtures at or above the flash point. Product can be ignited by static discharge.

**Extinguishing Media:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**Hazardous Combustion Products:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Fire Fighting Procedures:** Containers can build up pressure if exposed to heat (fire).

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

**Sensitivity to Static Discharge:** Product is sensitive to static discharge.

**Sensitivity to Mechanical Impact:** Product is sensitive to mechanical impact. Do not puncture container. Contents under pressure. Do not expose to heat or store above 120 °F (49 °C).

#### **6. ACCIDENTAL RELEASE MEASURES**

**Small Spill:** Eliminate all ignition sources. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly.

##### **Environmental Precautions**

**Water Spill:** Do not flush to sewer.

**Land Spill:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Special Protective Equipment:** Clean up spills immediately, observing precautions in Protective Equipment

section 8.

**7. HANDLING AND STORAGE**

**General Procedures:** Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids. Ensure thorough ventilation of stores and work areas.

**Handling:** Contents under pressure. Do not expose to heat or store above 120 °F (49 °C). Use only in a well ventilated area. Do not use in the presence of open flame or spark. Do not puncture container. Do not breath vapors or spray mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

**Storage:** Keep away from heat and flame. Store in a cool dry place. Container may explode if heated. Do not incinerate.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

OSHA / WHMIS 2015 HAZARDOUS COMPONENTS				
Occupational Exposure Limits				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Isobutane	<b>ACGIH TLV</b>	<b>TWA</b>	1000	--
	<b>NIOSH REL</b>	<b>TWA</b>	800	1900
2-butoxyethanol	<b>OSHA PEL</b>	<b>TWA</b>	50	240
	<b>ACGIH TLV</b>	<b>TWA</b>	20	97
	<b>NIOSH REL</b>	<b>TWA</b>	5	24

**Engineering Controls:** Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

**Personal Protective Equipment**

**Eyes and Face:** Wear safety glasses with side shields (or goggles).

**Skin Contact:** Wear chemical resistant gloves.

**Respiratory:** NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**Protective Clothing:** Not applicable for aerosol containers.

**Work Hygienic Practices:** Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical State** : Liquid, without aerosol propellants
- Odor** : Mild ammonia-like
- Odor Threshold** : No data available.
- Appearance** : Aerosol
- Color** : Translucent foam
- pH** : Not Applicable
- % Volatiles** : > 99.5 % w/w
- Flash Point and Method** : > 60°C (140°C) Closed Cup [lowest known value of aerosol concentrate]

**Flammable Limits** : No data available.  
**Autoignition Temperature** : No data available.  
**Vapor Pressure** : 40 - 50 psig at 20°C  
**Vapor Density** : > 1 (air = 1)  
**Boiling Point** : 100°C (212°F) [an estimate based on the aerosol concentrate]  
**Freezing Point** : No data available.  
**Melting Point** : No data available.  
**Solubility in Water** : Soluble

**Evaporation Rate  
(n-butyl acetate = 1)** : > 1

**Density** : 0.99-1.00 g/ml at 20°C

**Notes:** An estimate for the aerosol concentrate density.

**Viscosity** : < 10 cps

**VOC Content** : 9.5 - 10.0% w/w (< 0.8 g/l)

**Oxidizing Properties** : None

**Comments:**

### **Flammability Statement:**

The flammability of an aerosol is determined by its flame extension and/or flashback.

**Flammability:** Yes  
**Aerosol Flame Projection:** > 45 cm but < 100 cm  
**Flashback:** None  
**Calculated Aerosol Chemical  
Heat of Combustion, kJ/g** 4.0 to 4.5

### **VOC Compliance Statement**

**Total Volatiles:** >99.5 % w/w  
**VOC Content:** 9.5 to 10.0 % w/w  
Total Material: 90 to 95 g/l (< 0.8 lb/gal)  
**Density:** 0.935 ± 0.005 g/ml  
**Water Content:** 90 to 90.5 % w/w  
**Exempt Content:** 0 % w/w

**VOC Regulation:** Consumer Product Regulations – CARB-California  
**Product Category:** General Purpose Degreaser, aerosol  
**Restrictions from Sale:** No

**The product VOC content meets the current 10% w/w limit under the  
CARB Consumer Product Regulations for General Purpose Degreaser, aerosol.  
Check your area (district) for compliance before using this product.**

## **10. STABILITY AND REACTIVITY**

**Reactive Hazard** : No

**Hazardous Polymerization:** Not expected to occur.

**Stability:** Stable.

**Conditions to Avoid:** Keep away from flames and any object that sparks. Container may explode if heated.

**Possibility of Hazardous Reactions:** No data available.

**Hazardous Decomposition Products:** Carbon Monoxide and other toxic vapors.

**Incompatible Materials:** Oxidizing materials.

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity**

Chemical Name	Oral LD <sub>50</sub> mg/kg(rat)	Dermal LD <sub>50</sub> mg/kg(rabbit)	Inhalation LC <sub>50</sub> mg/l
Isobutane	Not Applicable	Not Applicable	142.5 ppm (rat,4h)
2-butoxyethanol	470(rat) 1200(mouse)	220 400	2.17(rat;4h)

**Acute Toxicity - Dermal LD<sub>50</sub>:** Based on available ingredient data, the classification criteria for Acute Dermal Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

**Acute Toxicity - Oral LD<sub>50</sub>:** Based on available ingredient data, the classification criteria for Acute Oral Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

**Acute Toxicity - Inhalation LC<sub>50</sub>:** Based on available ingredient data, the classification criteria for Acute Toxicity - inhalation are not met for this mixture. The calculated ATE is >20 mg/l/4h (vapours) and >5 mg/l/4h (mists).

**Notes:** < 5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity. No additional toxicology information is available for this product itself. (See Component Toxicity Information).

**Skin Irritation / Corrosion:** Based on available data, the classification criteria for skin irritation are not met for this mixture. Substance does not generally irritate and is only mildly irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**Eye Irritation / Serious Eye Damage:** Based on available data, the classification criteria for eye irritation are not met for this mixture. Mildly irritating to the eyes.

**Respiratory / Skin Sensitizer:** Contains: pine oils. May cause sensitization by skin contact. The mixture is classified as: Skin Sensitizer, category 1 based on ingredient data (≥ 0.1% ingredients classified as a skin sensitizer, category 1 or sub-category 1A or ≥ 1.0% ingredients classified as a skin sensitizer, sub-category 1B). Prolonged contact with this product can cause reddening, swelling, rash scaling or blistering. In those who have developed skin sensitization, these symptoms can develop as a result of contact with very small amount of the liquid material.

Based on available data, the classification criteria for respiratory sensitization are not met for this mixture (< 0.1% ingredients classified as a respiratory sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a respiratory sensitizer, sub-category 1B).

**Germ Cell Mutagenicity:** Based on available data, the classification criteria for Germ Cell Mutagenicity are not met for this mixture (< 0.1% ingredients classified as Germ Cell Mutagen, category 1A or 1B and < 1.0% ingredients classified as Germ Cell Mutagen, category 2).

**Carcinogenicity**

Chemical Name	NTP status	IARC status	OSHA status	Other
Isobutane	--	--	--	--
2-butoxyethanol	--	3	--	A3 (ACGIH)

**Notes:** Based on available data, the classification criteria for Carcinogenicity are not met for this mixture (< 0.1% ingredients classified as a Carcinogen, category 1 or 2).

## SPPV PANEL PREP, aerosol

**Reproductive Toxicity:** Based on available data, the classification criteria for Reproductive Toxicity are not met for this mixture (< 0.1% ingredients classified as Reproductive Toxicity, category 1 or 2).

**Specific Target Organ Toxicity - Single Exposure:** Based on available data, the classification criteria for Specific Target Organ Toxicity - Single Exposure are not met for this mixture (< 1.0% ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 1 or 2 and < 20% summation of all ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 3).

**Specific Target Organ Toxicity - Repeated Exposure:** Based on available data, the classification criteria for Specific Target Organ Toxicity - Repeated Exposure are not met for this mixture (< 1.0% ingredients classified as Specific Target Organ Toxicity - Repeated Exposure, category 1 or 2).

**Aspiration Hazard:** Based on available data, the classification criteria for Aspiration Hazard are not met for this mixture (< 10% ingredients classified as an Aspiration Hazard, category 1 and/or mixture viscosity > 20.5 mm<sup>2</sup>/s at 40 °C).

## 12. ECOLOGICAL INFORMATION

**Environmental Data:** No data available.

**Ecotoxicological Information:** No data available.

**Bioaccumulation/Accumulation:** No data available.

**Distribution:** No data available.

**Aquatic Toxicity (Acute):** No data available.

**Chemical Fate Information:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Method:** Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal. Do not discharge substance/product into sewer system.

**Product Disposal:** When container is empty, press button to release all pressure, then dispose of container and unused contents in accordance with Local, Provincial/State and Federal regulations.

## 14. TRANSPORT INFORMATION

### DOT (Department of Transportation)

**Proper Shipping Name** : Aerosols, Flammable

**Primary Hazard Class/Division:** 2.1

**UN/NA Number** : 1950

**Packing Group** : N/AP

**Other Shipping Information:**

With an inner packaging < 1.0 L, this product may be shipped as a Limited Quantity as per DOT 173.306.

### Vessel (IMO/IMDG)

**Shipping Name** : Aerosols

**UN/NA Number** : 1950

**Primary Hazard Class/Division:** 2.1

**Packing Group** : N/AP

**Marine Pollutant** : None

**Label** : None

**Note:** With an inner packaging < 1.0 L, this product may be shipped as a Limited Quantity.

**Canadian Transportation of Dangerous Goods Regulations**

**Shipping Name** : Aerosols, Flammable

**UN/NA Number** : 1950

**Primary Hazard Class/Division:** 2.1

**Packing Group** : N/AP

**TDG Note:**

With an inner packaging < 1.0 L, this component may be shipped as a Limited Quantity as per TDG Section 1.17.

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA Section 311/312 Hazard Categories**

**311/312 Health Hazards:** Simple Asphyxiant, Skin Sensitization

**311/312 Physical Hazards:** Flammable Aerosols, Gases Under Pressure

**EPCRA Section 313 Toxic Chemicals**

Chemical Name	Wt.%	CAS number
2-butoxyethanol	1.3 - 1.5	111-76-2

**EPCRA Section 302 Extremely Hazardous Substances**

**EPCRA Status:**

This product contains no listed extremely hazardous substances that are subject to the reporting requirements of SARA Title III, Section 302.

**CERCLA Hazardous Substances and Reportable Quantities (RQ)**

**CERCLA Status:**

This product contains no CERCLA listed hazardous substances.

**TSCA (The Toxic Substances Control Act)**

**TSCA Status:**

All components are included or are otherwise exempt from inclusion on this inventory.

**CAA 112(b) - Hazardous Air Pollutants**

**CAA 112(r) - List of Substances for Accidental Release Prevention:**

This product contains no chemicals subject to CAA 112(b).

This product contains the following chemicals subject to CAA 112(r).

Name	CAS No.	Threshold Qty (TQ)
Butane	75-28-5	10,000

**California Proposition 65:**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**OSHA Hazard Communication Standard (29 CFR 1910.1200):**

OSHA Status: Hazardous Product (See Section 2 for details).

This product has been classified in accordance with the hazard criteria of the USA OSHA Hazard Communication Standard (29CFR 1910.1200) and the Safety Data Sheet contains all the information required

## SPPV PANEL PREP, aerosol

by the OSHA Hazard Communication Standard (HazCom 2012).

### CANADA

#### WHMIS Hazard Symbol and Classification

See Section 2 for details.

#### WHMIS Regulatory Status:

This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015).

#### WHMIS Classification:

WHMIS 2015 (Canada) Status: Hazardous Product (See Section 2 for details).

#### CEPA - National Pollutant Release Inventory (NPRI):

Name	CAS No.	NPRI Part No.
2-butoxyethanol	111-76-2	1A, 5 (VOC)
Butane (all isomers)	75-28-5	5 (VOC)

#### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):

All components are included or are otherwise exempt from inclusion on this inventory.

**Comments** VOC Content -- See section 9.

## 16. OTHER INFORMATION

**Reason for Issue:** NEW

**Approved By:** Jim Gordon    **Title:** R&D Chemist

**Prepared By :** Regulatory Compliance

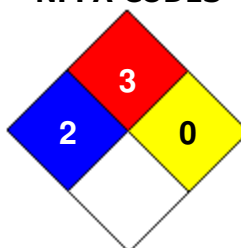
**Date Prepared:** 01/07/2019

**Information Contact:** 905-670-5411

#### HMIS RATING

<b>HEALTH</b>	*	<b>2</b>
<b>FLAMMABILITY</b>		<b>3</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

#### NFPA CODES



**NFPA 30 / 30B Storage Classification:** Level 1 Aerosol

**Manufacturer Supplemental Notes:** None

**Data Sources:** Not Available

#### Additional SDS Information:

N/AV Not Available

N/AP Not Applicable

ND Not yet determined

ACGIH American Conference of Governmental Industrial Hygienists

CAA The Clean Air Act

CCCR The Consumer Chemicals and Containers Regulations

CEPA The Canadian Environmental Protection Act

## **SPPV PANEL PREP, aerosol**

---

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act  
EPCRA The Emergency Planning and Community Right-To-Know Act  
IARC International Agency for Research on Cancer  
MSHA Mine Safety and Health Administration  
NIOSH National Institute for Occupational Safety and Health  
NTP National Toxicology Program  
OSHA The Occupational Safety and Health Administration  
SARA The Superfund Amendments and Reauthorization Act  
WHMIS Workplace Hazardous Materials Information System

**General Statements:** None

**Comments:** None

**Manufacturer Disclaimer:** The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. No responsibility is assumed for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of this material.