

SAFETY DATA SHEET

Prepared according to USA OSHA Hazcom 2012



Date Issued : 01/09/2019

SDS No : CUS-SP-522_ENG

SP-522 Custom Shop/Custom Coat - PANEL PREP SURFACE CLEANER, aerosol (848849000344)

1. IDENTIFICATION

Product Name: SP-522 Custom Shop/Custom Coat - PANEL PREP SURFACE CLEANER, aerosol (848849000344)

Product Description: Surface Cleaner for Metal and Plastic, aerosol 18 oz (1.12 lb) 510 g

General Use: Surface Cleaners, general purpose degreaser

Product Stock/Code: SP-522

Chemical Family: Water-based Solvent

Molecular Formula: Mixture

Distributor

TCP Global
Custom Shop
6695 Rasha Street
San Diego, CA 92121

Customer Service: 858-909-2110

Web Site: www.tcpglobal.com

Emergency Telephone Numbers (24 hour)

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)

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 ³
Isobutane	ACGIH TLV	STEL	1000	--
	NIOSH REL	TWA	800	1900
2-butoxyethanol	OSHA PEL	TWA	50	240
	ACGIH TLV	TWA	20	97
	NIOSH REL	TWA	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 expode 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 ₅₀ mg/kg(rat)	Dermal LD ₅₀ mg/kg(rabbit)	Inhalation LC ₅₀ mg/l
Isobutane	Not Applicable	Not Applicable	658(rat;4h) 570,000 ppm (rat;15m) 680(mouse;2h)
2-butoxyethanol	470(rat) 1200(mouse)	220 400	2.17(rat;4h)

Acute Toxicity - Dermal LD₅₀: 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 LD₅₀: 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 LC₅₀: 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).

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 mm²/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

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

Prepared By : Regulatory Compliance

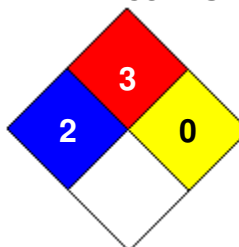
Date Prepared: 01/09/2019

Information Contact: 858-909-2110

HMIS RATING

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		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
- 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

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