Surface Control Spray

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022
Issue date: 2019-10-09 Revision date: 2025-10-31 Supersedes: 2022-03-22 Version: 3.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : Surface Control Spray
Product code : 3680225 / REZ1134
Vaporizer : Aerosol

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Automotive refinish

1.4. Supplier's details

Manufacturer
Peter Kwasny GmbH
96 Heibronner Str.
Gundelsheim, 74831
Germany
T 49(0) 6269-95-20

Distributor
Peter Kwasny, Inc.
12222 Merit Drive, #130
Dallas, TX 75251
USA
T 1-844-426-6330

Distributor
Peter Kwasny Spraypaint Canada Inc
40 University Avenue, Suite 904
Toronto, ON, M5J 1T1
Canada
T +1 844-426-6330

1.5. Emergency phone number

Emergency number : North America
INFOTRAC International +1 (352) 323-5000 24 hr

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS classification

Aerosol, Category 1
Skin irritation, Category 2
Specific target organ toxicity – Single exposure, Category 3, Narcosis
Aspiration hazard, Category 1

2.2. Label elements

GHS labelling

Hazard pictograms (GHS) :

Signal word (GHS) : Danger
Hazard statements (GHS) : Extremely flammable aerosol
Pressurized container; may burst if heated

		May be fatal if swallowed and enters airways Causes skin irritation May cause drowsiness or dizziness
Precautionary statements (GHS)	:	If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing dust, fume, gas, mist, vapours, spray. Wash hands, forearms and face thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye and face protection. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice or attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C). Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

Not applicable

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
Hydrocarbons, C9-10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	Hydrocarbons, C9-10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) Hydrocarbons, C9-10, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS-No.: 1174921-73-3	45 < 70
n-Butane	n-Butane Butane / BUTANE	CAS-No.: 106-97-8	10 – 30

Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
C8-9 Isoparaffin	C8-9 Isoparaffin Alkanes, iso-, C8-9 / C8-9 ISOPARAFFIN / Hydrocarbons, C8-9, isoalkanes / C8-9 ISOALKANE	CAS-No.: 246538-71-6	7 < 30
Propane	Propane Normal propane / PROPANE / n-Propane / R290 / R-290	CAS-No.: 74-98-6	7 - 13

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

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

First-aid measures after eye contact : 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.

First-aid measures after ingestion : Not expected to be a primary route of exposure. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : May cause irritation to the respiratory tract. May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. May result in aspiration into the lungs, causing chemical pneumonia. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : Do not use water jet.

5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol. Products of combustion may include, and are not limited to: oxides of carbon. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours. Irritating vapours.

Explosion hazard : Vapours may form explosive mixture with air. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Ruptured cylinders may rocket.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Move containers away from the fire area if this can be done without risk. Cool closed containers exposed to fire with water spray.

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Other information : Vapours may be heavier than air and may travel along the ground to a distant ignition source and flash back.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate every possible source of ignition. Use only non-sparking tools. Use special care to avoid static electric charges. Isolate from fire, if possible, without unnecessary risk.

For non-emergency personnel

No additional information available

For emergency responders

Environmental precautions : Prevent entry to sewers and public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Stop leak if safe to do so. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for cleaning up : Provide ventilation. Sweep or shovel spills into appropriate container for disposal.

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only non-sparking tools. Take precautionary measures against static discharge. Do not spray on an open flame or other ignition source.

Hygiene measures : Take off contaminated clothing and wash it before reuse. Wash hands, forearms and face thoroughly after handling.

Additional hazards when processed : Do not pierce or burn, even after use. Hazardous waste due to potential risk of explosion.

7.2. Conditions for safe storage, including incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Store locked up. Keep out of the reach of children. Keep container tightly closed. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place. Store away from direct sunlight or other heat sources. Protect from sunlight. Protect containers from physical damage. Store in a well-ventilated place.

Specific end uses : Automotive refinish.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

n-Butane (106-97-8)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH® TLV® STEL	1000 ppm (explosion hazard (Butane, isomers)
USA - IDLH - Occupational Exposure Limits	
IDLH	1600 ppm (>10% LEL)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	1900 mg/m³
NIOSH REL TWA	800 ppm

Propane (74-98-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Propane
Remark (ACGIH®)	TLV® Basis: Simple Asphyxiant
ACGIH® chemical category	Simple asphyxiant See Appendix F: Minimal Oxygen Content
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Propane
OSHA PEL TWA	1800 mg/m³
OSHA PEL TWA	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - IDLH - Occupational Exposure Limits	
IDLH	2100 ppm (10% LEL)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	1800 mg/m³
NIOSH REL TWA	1000 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Wear suitable gloves resistant to chemical penetration. Consult glove manufacturer's product information on material suitability and material thickness.

Eye protection:
Safety glasses or goggles are recommended when using product.

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Aerosol.
Colour	:	Colourless
Odour	:	Characteristic
Odour threshold	:	No data available
pH	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	Not applicable
Flash point	:	< -18 °C (< -0.4 °F)
Flammability (solid, gas)	:	Extremely flammable aerosol.
Vapour pressure	:	No data available
Relative vapour density at 20°C/ 68 °F	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive limits	:	No data available
Particle characteristics	:	No data available

n-Butane	
Boiling point	-0.5 °C (at 1013 hPa)
Flash point	-60 °C
Auto-ignition temperature	287 °C
Vapour pressure	2200 hPa (at 20 °C)
Particle characteristics	No data available

Propane	
Boiling point	-161.48 °C (at 1013 hPa)
Flash point	-104 °C
Auto-ignition temperature	450 °C
Vapour pressure	600 – 39000 hPa (at 20 °C)
Particle characteristics	No data available

Hydrocarbons, C9-10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
Boiling point	139 – 164 °C Atm. press.: 1 atm Decomposition: 'no'

Hydrocarbons, C9-10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
Flash point	28 °C Atm. press.: 1 atm
Vapour pressure	0.5 kPa Temp.: 20 °C
Particle characteristics	No data available

C8-9 Isoparaffin	
Boiling point	130 – 175 °C Atm. press.: 100 kPa Decomposition: 'no'
Flash point	≥ 23 °C Atm. press.: 1 atm
Vapour pressure	0.22 – 0.58 kPa Temp.: 20 °C
Particle characteristics	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

Gas group : Press. Gas (Liq.)
Flame projection length : >75cm <100cm
Flashback : Possible

SECTION 10 Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Extremely flammable aerosol. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Extreme risk of explosion by shock, friction, fire or other sources of ignition. Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. Incompatible materials. Sparks. Open flame. Direct sunlight.

10.5. Incompatible materials

Strong oxidizing agents. Acids. Alkali.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Irritating vapours.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified.
Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Not classified.

n-Butane (106-97-8)	
LC50 inhalation rat	658 g/m³ (Exposure time: 4 h Source: NLM_CIP)

Propane (74-98-6)	
LC50 inhalation rat	> 800000 ppm (Exposure time: 15 min Source: ECHA_API)

Hydrocarbons, C9-10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (1174921-73-3)	
LD50 oral rat	> 5000 mg/kg (OECD TG 401)
LD50 oral	> 15000 mg/kg bodyweight Animal:
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 5000 mg/kg (OECD TG 402)
LC50 inhalation rat	≥ 6.1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
LC50 Inhalation - Rat (Dust/Mist)	> 5000 mg/m³ (OECD TG 403)

C8-9 Isoparaffin (246538-71-6)	
LD50 oral rat	7100 – 7800 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	2200 – 2500 mg/kg (Source: ECHA_API)
LC50 inhalation rat	> 9.4 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified.

Respiratory or skin sensitisation : Not classified.

Germ cell mutagenicity : Not classified.

Carcinogenicity : Not classified.

Reproductive toxicity : Not classified.

STOT-single exposure : May cause drowsiness or dizziness.

Hydrocarbons, C9-10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (1174921-73-3)	
STOT-single exposure	May cause drowsiness or dizziness.

C8-9 Isoparaffin (246538-71-6)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified.

Hydrocarbons, C9-10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (1174921-73-3)	
NOAEL (oral, rat, 90 days)	≥ 500 mg/kg bodyweight Animal: rat, Guideline: EPA OPP 82-1 (90-Day Oral Toxicity), Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation, rat, vapour, 90 days)	> 10.4 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

C8-9 Isoparaffin (246538-71-6)	
NOAEC (inhalation, rat, vapour, 90 days)	24.3 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

Aspiration hazard : May be fatal if swallowed and enters airways.

Surface Control Spray	
Vaporizer	Aerosol
Viscosity, kinematic	No data available

n-Butane (106-97-8)	
Viscosity, kinematic	No data available

Propane (74-98-6)	
Viscosity, kinematic	No data available

Hydrocarbons, C9-10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (1174921-73-3)	
Viscosity, kinematic	1.06 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'

C8-9 Isoparaffin (246538-71-6)	
Viscosity, kinematic	0.95 – 1.2 mm²/s Temp.: 'other:25.0°C' Parameter: 'kinematic viscosity (in mm²/s)'

Symptoms/effects after inhalation : May cause irritation to the respiratory tract. May cause drowsiness or dizziness.
Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. May result in aspiration into the lungs, causing chemical pneumonia. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.
Hazardous to the aquatic environment, short–term (acute) : Not classified.
Hazardous to the aquatic environment, long–term (chronic) : Not classified.

C8-9 Isoparaffin (246538-71-6)	
LC50 - Fish [1]	0.11 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	0.4 mg/l Test organisms (species): Daphnia magna
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

Surface Control Spray	
Persistence and degradability	Not established.

n-Butane (106-97-8)	
Persistence and degradability	Rapidly degradable

Propane (74-98-6)	
Persistence and degradability	Rapidly degradable

Hydrocarbons, C9-10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (1174921-73-3)	
Persistence and degradability	Rapidly degradable

C8-9 Isoparaffin (246538-71-6)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

Surface Control Spray	
Bioaccumulative potential	Not established.

n-Butane (106-97-8)	
Partition coefficient n-octanol/water	2.31 (at 20 °C (at pH 7)

Propane (74-98-6)	
Partition coefficient n-octanol/water	1.09 (at 20 °C (at pH 7)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified.
Fluorinated greenhouse gases : No

Other information : No other effects known.

SECTION 13 Disposal considerations

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Container under pressure. Do not drill or burn even after use.

Additional information : Flammable vapours may accumulate in the container. Hazardous waste due to potential risk of explosion.

SECTION 14 Transport information

In accordance with DOT / TDG

14.1. UN Number

UN-No. (DOT) : UN1950
UN-No. (TDG) : UN1950

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Aerosols
Proper Shipping Name (TDG) : AEROSOLS

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 2.1
Hazard labels (DOT) : 2.1

TDG

Transport hazard class(es) (TDG) : 2.1
Hazard labels (TDG) : 2.1

14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

DOT

UN-No. (DOT) : UN1950
DOT Special Provisions (49 CFR 172.102) : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.
DOT Packaging Exceptions (49 CFR 173.xxx) : 306
DOT Packaging Non Bulk (49 CFR 173.xxx) : None
DOT Packaging Bulk (49 CFR 173.xxx) : None
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg
DOT Vessel Stowage Location : A - The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other : 25 - Protected from sources of heat,87 - Stow “separated from” Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

TDG

UN-No. (TDG) : UN1950
TDG Special Provisions : 80 - Despite section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with the requirements for transporting gases in Part 5 (Means of Containment),107 - (1) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a vessel on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL.
(2) Subsection (1) does not apply to self-defence spray.
Explosive Limit and Limited Quantity Index : 1 L
Excepted quantities (TDG) : E0
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 75 L
Emergency Response Guide (ERG) Number : 126

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories

15.2. International regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Revision date : 2025-10-31

Issue date : 2019-10-09

Other information : None.

Prepared by : Nexreg Compliance Inc.
www.Nexreg.com

Indication of changes:

SDS update.

SDS HazCom 2024 - WHMIS 2022 (Nexreg) 2025

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