

**Safety Data Sheet**  
According to HSNO Regulations

Initial preparation date: 09.25.2017

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**TOP COAT SAFETY GREEN AEROSOL**

**SECTION 1: Identification**

**Product identifier**

**Product name:** TOP COAT SAFETY GREEN AEROSOL

**Product code:** 46518

**Additional information:** No additional information available.



**Recommended use of the product and restriction on use:**

**Relevant identified uses:** Aerosol Spray

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

**Manufacturer or supplier details**

**Manufacturer:**

P.O.R. Products  
38 Portman Road  
New Rochelle, NY 10801  
914-636-0700

**Supplier:**

HGLB Holdings  
30 Victoria Street  
Petone 5012  
021 446682  
sales@por15nz.com

**Emergency telephone number:**

**ChemTel Inc.**

+1 813 248 0585

**Poisons Information Center, New Zealand**

0800 764 766

**SECTION 2: Hazards identification**

Classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2017

**HSNO Classification or Subclasses – Physical hazards:**

Class	GHS Category	HSNO Category
Flammable aerosols	Category 1	2.1.2A

**HSNO Classification or Subclasses – Health hazards:**

Class	GHS Category	HSNO Category
Eye irritation	Category 2A	6.4A
Skin irritation	Category 2	6.3A
Aspiration hazard	Category 1	6.1E
Acute toxicity (inhalation)	Category 4	6.1D
Specific target organ toxicity - single exposure	Category 3, respiratory irritation	6.1E
Specific target organ toxicity - single exposure	Category 3, central nervous system	6.9B
Specific target organ toxicity - repeated exposure	Category 2	6.9B
Carcinogenicity	Category 1A	6.7A

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### HSNO Classification or Subclasses – Environmental hazards:

Class	GHS Category	HSNO Category
None known	None known	None known

### GHS classification:

Flammable aerosols, category 1  
Eye irritation, category 2A  
Skin irritation, category 2  
Aspiration hazard, category 1  
Acute toxicity (inhalation), category 4  
Specific target organ toxicity - single exposure, category 3, respiratory irritation  
Specific target organ toxicity - single exposure, category 3, central nervous system  
Specific target organ toxicity - repeated exposure, category 2  
Carcinogenicity, category 1A

### Label elements

#### Hazard pictograms:



**Signal word:** Danger

### Hazard statements and Precautionary statements:

H222 Extremely flammable aerosol.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H350 May cause cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P281 Use personal protective equipment as required.  
P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P331 Do NOT induce vomiting.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P321 Specific treatment (see first aid instructions on this label).  
P362 Take off contaminated clothing and wash before reuse  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P332+P313 If skin irritation occurs: Get medical advice/attention

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P362+P364 Take off contaminated clothing and wash it before reuse.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists get medical advice/attention  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P308+P313 If exposed or concerned: Get medical advice/attention  
P314 Get medical advice/attention if you feel unwell  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P405 Store locked up.  
P403+P233 Store in a well ventilated place. Keep container tightly closed.  
P501 Dispose of contents/container according to local regulations.

### Hazards not otherwise classified:

None known.

## SECTION 3: Composition/information on ingredients

### Mixture:

Identification	Name	Weight %
CAS number: 64742-48-9	Aliphatic Petroleum Naphtha	0.1-1
CAS number: 64742-95-6	Solvent Naphtha	0.1-1
CAS number: 108-65-6	PM Acetate	1-3
CAS number: 123-86-4	n-Butyl acetate	20-26
CAS number: 13463-67-7	Titanium Dioxide	3-5
CAS number: 67-64-1	Acetone	35-40
CAS number: 74-98-6	Propane	15-21
CAS number: 106-97-8	n-Butane	8-10
CAS number: 141-78-6	Ethyl acetate	1-3

### Additional information:

None known

## SECTION 4: First-aid measures

For advice, contact a Poisons Information Center (e.g. phone Australia 131 126, New Zealand 0800 764 766) or a doctor.

### Description of first aid measures

#### General notes:

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Not determined or not available.

**After inhalation:**

Loosen clothing as necessary and position individual in a comfortable position Maintain an unobstructed airway  
Get medical advice/attention if you feel unwell  
Take precautions to ensure your own safety  
Remove source of exposure or move person to fresh air  
Get medical advice if you feel unwell or concerned

**After skin contact:**

Rinse affected area with soap and water.  
If symptoms develop or persist, seek medical attention.  
Take off all contaminated clothing.  
Gently blot or brush away excess product.  
Wash with plenty of lukewarm, gently flowing water.  
Get medical advice if skin irritation occurs or you feel unwell.

**After eye contact:**

Rinse/flush exposed eye(s) gently using water for 15-20 minutes.  
If symptoms develop or persist, seek medical attention.  
Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open.  
Remove contact lenses, if present and easy to do so.  
Continue rinsing for 15-20 minutes.  
Get medical advice if eye irritation persists.

**After swallowing:**

Rinse mouth thoroughly  
Seek medical attention if irritation, discomfort, or vomiting persists

**Most important symptoms and effects, both acute and delayed:**

**Acute symptoms and effects:**

Not determined or not available.

**Delayed symptoms and effects:**

Not determined or not available.

**Immediate medical attention and special treatment:**

**Specific treatment:**

Not determined or not available.

**Notes for the doctor:**

Not determined or not available.

**Workplace Facilities:**

Not determined or not available.

**SECTION 5: Fire-fighting measures**

**Extinguishing media**

**Suitable extinguishing media:**

Use Water (fog only), dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

**Unsuitable extinguishing media:**

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Not determined or not available.

**Specific hazards during fire-fighting:**

Thermal decomposition can lead to release of irritating gases and vapors.

Contents under pressure.

In a fire or if heated, a pressure increase will occur and the container may burst or explode.

Vapors can flow to distant ignition sources and flashback

Liquid is volatile and may generate an explosive atmosphere.

**Special protective equipment for firefighters:**

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

**Special precautions:**

Shut off sources of ignition.

Carbon monoxide and carbon dioxide may form upon combustion.

Heating causes a rise in pressure, risk of bursting and combustion.

**Hazchem or Emergency Action Code:**

Not determined or not available.

**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Ensure air handling systems are operational.

Wear protective eye wear, gloves and clothing.

Beware of vapors accumulating to form explosive concentrations.

Vapors can accumulate in low areas.

**Environmental precautions:**

Should not be released into the environment.

Prevent from reaching drains, sewer or waterway.

**Methods and material for containment and cleaning up:**

Wear protective eye wear, gloves and clothing.

Use spark-proof tools and equipment.

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders).

Dispose of contents / container in accordance with local regulations.

**Reference to other sections:**

Not determined or not applicable.

**SECTION 7: Handling and storage precautions**

**Precautions for safe handling:**

Use only with adequate ventilation.

Avoid breathing mist or vapor.

Do not eat, drink, smoke or use personal products when handling chemical substances.

Do not puncture, crush, or incinerate containers, even when empty.

Protect cylinders from physical damage.

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### Conditions for safe storage, including any incompatibilities:

- Protect from freezing and physical damage.
- Protect from direct sunlight.
- Store in a cool, well-ventilated area.
- Store cylinders upright.
- Store away from all ignition sources (open flames, hot surfaces, direct sunlight, spark sources).

### Safe packaging material

#### Suitable material:

Not determined or not applicable.

#### Unsuitable material:

Not determined or not applicable.

## SECTION 8: Exposure controls and personal protection

### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
New Zealand	n-Butyl acetate	123-86-4	TWA: 150 ppm. TWA: 713 mg/m <sup>3</sup> 15-minute STEL: 200 ppm. 15-minute STEL: 950 mg/m <sup>3</sup>
	Ethyl acetate	141-78-6	TWA: 200 ppm. TWA: 720 mg/m <sup>3</sup>
	Titanium Dioxide	13463-67-7	TWA: 10 mg/m <sup>3</sup>
	Acetone	67-64-1	TWA: 500 ppm. TWA: 1185 mg/m <sup>3</sup> 15-minute STEL: 1000 ppm. 15-minute STEL: 2375 mg/m <sup>3</sup>
	n-Butane	106-97-8	TWA: 800 ppm. TWA: 1900 mg/m <sup>3</sup>

### Biological limit value:

Substance	Identifier	Determinant	Sampling time	Permissible limits
Acetone	67-64-1	Acetone	End of shift.	15 mg/L

### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls

Biological monitoring may also be appropriate for some substances

### Appropriate engineering controls:

- Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.
- Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.
- Use explosion-proof ventilation equipment.

### Personal protection equipment

#### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

#### Skin and body protection:

Select glove material impermeable and resistant to the substance.

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Wear appropriate clothing to prevent any possibility of skin contact.

**Respiratory protection:**

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**General hygienic measures:**

- Avoid contact with skin, eyes and clothing.
- Wash hands before breaks and at the end of work.
- Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

Appearance	Aerosol - Pressurized Liquid
Odor	Solvent Odor
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Less than -18 degrees C (less than -0.4 degrees F), c.c.
Evaporation rate	Faster than ether
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	0.777
Solubilities	Negligible.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

**Other information**

VOC % by weight	47.24
HAPS PERCENT BY WEIGHT	0
MIR NUMBER (EPA AND CA)	0.571/0.509

## SECTION 10: Stability and reactivity

**Reactivity:**

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Does not react under normal conditions of use and storage.

### Chemical stability:

Stable under normal conditions of use and storage.

### Possibility of hazardous reactions:

None under normal conditions of use and storage.

### Conditions to avoid:

Keep away from heat, sparks and flames.

### Incompatible materials:

Strong oxidizing agents.

### Hazardous decomposition products:

CO, CO<sub>2</sub> - by fire.

## SECTION 11: Toxicological information

### Acute toxicity:

**Assessment:** Harmful if inhaled

**Product data:** No data available.

**Substance data:** No data available.

### Skin corrosion/irritation:

**Assessment:** Causes skin irritation

**Product data:** No data available.

#### Substance data:

Name	Result
Aliphatic Petroleum Naphtha	Irritating to the skin.

### Serious eye damage/irritation:

**Assessment:** Causes serious eye irritation

**Product data:** No data available.

#### Substance data:

Name	Result
Acetone	Causes serious eye irritation.
Ethyl acetate	Irritating effect on the eyes.

### Respiratory or skin sensitization:

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Carcinogenicity

**Assessment:** May cause cancer

**Product data:** No data available.

#### Substance data:

Name	Species	Result
Titanium Dioxide	Titanium Dioxide	Airborne, unbound particles of respirable size are known to cause cancer.
Solvent Naphtha	Solvent naphtha (petroleum), light arom.	Component may cause cancer.

### International Agency for Research on Cancer (IARC):



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Name	Classification
Titanium Dioxide	Group 3 - Not classifiable as to its carcinogenicity to humans

**National Toxicology Program (NTP):** None of the ingredients are listed.

**Germ cell mutagenicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Solvent Naphtha	May cause genetic defects.

**Reproductive toxicity**

**Assessment:** Based on available data, the classification criteria are not met

**Product data:** No data available.

**Substance data:** No data available.

**Specific target organ toxicity (single exposure)**

**Assessment:** May cause respiratory irritation. May cause drowsiness or dizziness

**Product data:** No data available.

**Substance data:**

Name	Result
Acetone	Specific Target Organ Toxicity, Single Exposure - May cause drowsiness or dizziness.
n-Butyl acetate	SE May cause drowsiness or dizziness. - Central nervous system
Ethyl acetate	Component affects the central nervous system.
Aliphatic Petroleum Naphtha	Component affects the central nervous system.

**Specific target organ toxicity (repeated exposure)**

**Assessment:** May cause damage to organs through prolonged or repeated exposure

**Product data:** No data available.

**Substance data:** No data available.

**Aspiration toxicity**

**Assessment:** May be fatal if swallowed and enters airways

**Product data:** No data available.

**Substance data:**

Name	Result
Aliphatic Petroleum Naphtha	May be fatal if swallowed and enters airway.
Solvent Naphtha	May be fatal if swallowed and enters airway.

**Information on likely routes of exposure:**

No data available.

**Symptoms related to the physical, chemical and toxicological characteristics:**

No data available.

**Other information:**

No data available.

**SECTION 12: Ecological information**

**Acute (short-term) toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

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**Product data:** No data available.  
**Substance data:** No data available.

**Chronic (long-term) toxicity**

**Product data:** No data available.  
**Substance data:** No data available.

**Persistence and degradability**

**Product data:** No data available.  
**Substance data:** No data available.

**Bioaccumulative potential**

**Product data:** No data available.  
**Substance data:** No data available.

**Mobility in soil**

**Product data:** No data available.  
**Substance data:** No data available.

**Hazard to the ozone layer**

**Product data:** No data available.  
**Substance data:** No data available.

**Other adverse effects:** No data available.


## SECTION 13: Disposal considerations

**Disposal methods:**


It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities.

## SECTION 14: Transportation information

**Road/Rail transport: (NZS 5433:1999)**

UN number	1950
UN proper shipping name	Aerosols, flammable
UN transport hazard class(es)	2.1 
Packing group	None
Environmental hazards	None
Special precautions for user	None

**International Air Transport Association Dangerous Goods Regulations (IATA-ICAO)**

UN number	1950
UN proper shipping name	Aerosols, flammable
UN transport hazard class(es)	2.1 

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Packing group	None
Environmental hazards	None
Special precautions for user	None
ERG code	10L
Excepted quantities	E0
Passenger and cargo	75 kg
Cargo aircraft only	150 kg
Limited quantity	30 kg G
Additional Information	No additional data

### International Maritime Dangerous Goods (IMDG)

UN number	1950
UN proper shipping name	Aerosols, flammable
UN transport hazard class(es)	2.1 
Packing group	None
Environmental hazards	None
Special precautions for user	None
EmS number	F-D, S-U
Stowage category	For AEROSOLS with a maximum capacity of 1 litre: Category A. Segregation as for class 9 but "Separated from" class 1 except division 1.4. For AEROSOLS with a capacity above 1 litre: Category B. Segregation as for the appropriate sub-division of class 2. For WASTE AEROSOLS: Category C. Clear of living quarters. Segregation as for the appropriate sub-division of class 2.
Excepted quantities	E0

Transport in bulk according to Annex II of MARPOL and the IBC Code: No additional data

## SECTION 15: Regulatory information

### New Zealand Inventory of Chemicals (NZIoC):

64742-48-9	Aliphatic Petroleum Naphtha	Listed
64742-95-6	Solvent Naphtha	Listed
108-65-6	PM Acetate	Listed
123-86-4	n-Butyl acetate	Listed
13463-67-7	Titanium Dioxide	Listed
67-64-1	Acetone	Listed
74-98-6	Propane	Listed
106-97-8	n-Butane	Listed

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141-78-6	Ethyl acetate	Listed
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**HSNO Classification or Subclasses:**

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Eye irritation	Category 2A	6.4A
Skin irritation	Category 2	6.3A
Aspiration hazard	Category 1	6.1E
Acute toxicity (inhalation)	Category 4	6.1D
Specific target organ toxicity - single exposure	Category 3, respiratory irritation	6.1E
Specific target organ toxicity - single exposure	Category 3, central nervous system	6.9B
Specific target organ toxicity - repeated exposure	Category 2	6.9B
Carcinogenicity	Category 1A	6.7A

<b>HSNO Group Standard Name :</b>	<b>HSNO Approval Number:</b>
Aerosols (Flammable, Toxic [6.7])	HSR002517

**SECTION 16: Other information**

**Abbreviations and Acronyms:** None

**Disclaimer:**

The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**Initial preparation date:** 09.25.2017

**Revision Date:** New

**End of Safety Data Sheet**