

Safety Data Sheet

According to the Australian Work Health and Safety Regulations

Initial preparation date: 10.30.2017

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Top Coat - Gloss Clear Aerosol

SECTION 1: Identification

Product identifier

Product name: Top Coat - Gloss Clear Aerosol

Product code: 45718



Recommended use of the product and restriction on use

Relevant identified uses: Used as a top coat for metal

Uses advised against: Not determined or not applicable.

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

Manufacturer or supplier details

Manufacturer:

United States

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

Supplier:

Australia

Sydney Automotive Paints & Equipment Pty Ltd
A3 / 366 Edgar Street
Condell Park, NSW 2200 Australia
+61 2 9772 9000

Emergency telephone number:

Australia

Emergency telephone AU Poison Information Centre 13 11 26

General medical information: +61 2 9772 9000 (Mon to Fri, 08:00-16:00 AEST)

Transport information: +61 2 9772 9000 (Mon to Fri, 08:00-16:00 AEST)

SECTION 2: Hazard(s) identification

GHS classification:

Flammable aerosols, category 1

Compressed gases

Skin irritation, category 2

Eye irritation, category 2A

Skin sensitization, category 1

Carcinogenicity, category 2

Specific target organ toxicity - single exposure, category 3, central nervous system

Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements:

H222 Extremely flammable aerosol

H280 Contains gas under pressure; may explode if heated

H229 Pressurized container: may burst if heated.

H315 Causes skin irritation

H319 Causes serious eye irritation

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H317 May cause an allergic skin reaction
H351 Suspected of causing cancer
H336 May cause drowsiness or dizziness
H315+H320 Causes skin and eye irritation.

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. 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 skin thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P272 Contaminated work clothing should not be allowed out of the workplace
P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P271 Use only outdoors or in a well-ventilated area
P281 Use personal protective equipment as required.
P321 Specific treatment (see supplemental first aid instructions on this label).
P362 Take off contaminated clothing and wash before reuse
P302+P352 If on skin: Wash with soap and water
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention
P308+P313 If exposed or concerned: Get medical advice/attention
P304+P340+P312 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell
P332+P313 If skin irritation occurs: Get medical advice/attention
P362+P364 Take off contaminated clothing and wash it before reuse.
P337+P313 If eye irritation persists get medical advice/attention
P363 Wash contaminated clothing before reuse
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.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P410+P403 Protect from sunlight. Store in a well ventilated place
P405 Store locked up
P403+P233 Store in a well ventilated place. Keep container tightly closed
P501 Dispose of contents and container as instructed in Section 13

Hazards not otherwise classified: None

SECTION 3: Composition and information on ingredients

Identification	Name	Weight %
CAS number: 67-64-1	Acetone	10-30
CAS number: 74-98-6	Propane	10-30
CAS number: 540-88-5	T-Butyl Acetate	10-30

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CAS number: 64742-89-8	Vm&P Naphtha	10-30
CAS number: 64742-48-9	Hydrotreated Heavy Petroleum Naphtha	5-10
CAS number: 75-28-5	Isobutane	5-10
CAS number: 106-97-8	N-Butane	5-10
CAS number: 1330-20-7	Xylene	1-5
CAS number: 100-41-4	Ethyl Benzene	0.1-1
CAS number: 96-29-7	Methyl ethyl ketoxime	0.1-1

Additional Information: None

SECTION 4: First aid measures

Description of first aid measures

General notes:

Not determined or not applicable.

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

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 applicable.

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Delayed symptoms and effects:

Not determined or not applicable.

Immediate medical attention and special treatment

Specific treatment:

Not determined or not applicable.

Notes for the doctor:

Not determined or not applicable.

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:

Not determined or not applicable.

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: na

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

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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.

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).

SECTION 8: Exposure controls and personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Australia	T-Butyl Acetate	540-88-5	TWA: 950 mg/m ³ (200 ppm)
	N-Butane	106-97-8	TWA: 1900 mg/m ³ (800ppm)
	Ethyl Benzene	100-41-4	TWA: 434 mg/m ³ (100 ppm); STEL: 543 mg/m ³ (125 ppm)
	Xylene	1330-20-7	TWA: 350 mg/m ³ (80 ppm) ; STEL: 655 mg/m ³ (150 ppm)
	Acetone	67-64-1	TWA: 1185 mg/m ³ (500 ppm) ; STEL: 2375 mg/m ³ (1000 ppm)
	Ethyl Benzene	100-41-4	TWA: 434 mg/m ³ (100 ppm); STEL: 543 mg/m ³ (125 ppm)

Biological limit values:

No biological exposure limits noted for the ingredient(s).

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

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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.

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

Information on basic physical and chemical properties

Appearance	Silver
Odor	Paint-like
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	> -95.30 °C
Initial boiling point/range	> 56.10 °C
Flash point (closed cup)	> -17.00 °C (Liquid); -104.40 °C (Propellant)
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Extremely Flammable Aerosol
Upper flammability/explosive limit	13.0%
Lower flammability/explosive limit	0.70%
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	0.737 g/cm ³
Relative density	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	229.40 °C
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

Percent Volatile	87.08 % wt
Percent VOC	44.80 % wt
Percent HAP	2.06 % wt

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Global Warming Potential	2.12 GWP
Ozone Depletion Potential	0.00 ODP
VOC Regulatory/Actual	640.18 g/L (5.34 lbs/gal) / 330.18 g/L (2.76 lbs/gal)
HAP Content	15.18 g/L (0.13 lbs/gal)
Maximum Incremental Reactivity	0.8490 g O3/g

SECTION 10: Stability and reactivity

Reactivity:

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:

Other Ignition Sources, Heat, Flames, Sparks.

Incompatible materials:

Strong Oxidizing Agents, Strong Acids, Chlorosulfuric Acid.

Hazardous decomposition products:

Acetic Acid.

SECTION 11: Hazard information

Acute toxicity

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

Product data: No data available.

Substance data:

Name	Route	Result
Xylene	dermal	LD50 - Rat - > 1,700 mg/kg
	inhalation	LC50 - Rat - 5,000 ppm/4 h
Ethyl Benzene	inhalation	LCLo - Rat - 4,000 ppm/4 h

Skin corrosion/irritation

Assessment: Causes skin irritation

Product data:

No data available.

Substance data:

Name	Result
Hydrotreated Heavy Petroleum Naphtha	Irritating to the skin.
Xylene	Irritating to the skin.

Serious eye damage/irritation

Assessment: Causes serious eye irritation

Product data:

No data available.

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Substance data:

Name	Result
Acetone	Causes serious eye irritation.
Methyl ethyl ketoxime	Risk of serious damage to the eyes.

Respiratory or skin sensitization

Assessment: May cause an allergic skin reaction

Product data:

No data available.

Substance data:

Name	Result
Methyl ethyl ketoxime	May cause sensitization by skin contact

Carcinogenicity

Assessment: Suspected of causing cancer

Product data: No data available.

Substance data:

Name	Species	Result
Vm&P Naphtha	Solvent naphtha (petroleum), light aliphatic	The classification as a carcinogen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7).
Methyl ethyl ketoxime		May cause cancer.

International Agency for Research on Cancer (IARC):

Name	Classification
Xylene	Group 3 - Not classifiable as to its carcinogenicity to humans
Ethyl Benzene	Group 2B - Possibly carcinogenic 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
Vm&P Naphtha	The classification as a mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7).

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 drowsiness or dizziness

Product data:

No data available.

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Substance data:

Name	Result
Acetone	Specific Target Organ Toxicity, Single Exposure - May cause drowsiness or dizziness.
Hydrotreated Heavy Petroleum Naphtha	Component affects the central nervous system.
Ethyl Benzene	Repeated exposure damages the hearing organs.

Specific target organ toxicity (repeated exposure)

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

Product data:

No data available.

Substance data: No data available.

Aspiration toxicity

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

Product data:

No data available.

Substance data:

Name	Result
Hydrotreated Heavy Petroleum Naphtha	May be fatal if swallowed and enters airway.
Ethyl Benzene	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.

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

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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: Transport information

Australian Dangerous Goods (ADG)

UN number	1950
UN proper shipping name	Aerosols, flammable, Limited Quantity
UN transport hazard class(es)	2.1 
Packing group	None
Environmental hazards	None
Special precautions for user	None
Hazchem/Emergency Action Code	na

International Maritime Dangerous Goods (IMDG)

UN number	1950
UN proper shipping name	Aerosols, Limited Quantity
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

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	1950
UN proper shipping name	Aerosols, flammable, Limited Quantity


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UN transport hazard class(es)	2.1	
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	

SECTION 15: Regulatory information

Australia regulations

Australian Inventory of Chemical Substances (AICS):

74-98-6	Propane	Listed
540-88-5	T-Butyl Acetate	Listed
67-64-1	Acetone	Listed
64742-89-8	Vm&P Naphtha	Listed
64742-48-9	Hydrotreated Heavy Petroleum Naphtha	Listed
1330-20-7	Xylene	Listed
100-41-4	Ethyl Benzene	Listed
106-97-8	N-Butane	Listed
75-28-5	Isobutane	Listed
96-29-7	Methyl ethyl ketoxime	Listed

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP):

1330-20-7	Xylene	Listed
67-64-1	Acetone	Listed

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This SDS was authored in accordance with the Australian Work Health and Safety Regulations and supplemented by the Australian Code of Practice on the Preparation of Safety Data Sheets for Hazardous Chemicals. 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.

NFPA: 2-4-3

HMIS: 2-4-3

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Additional information:

Version: 1.0

End of Safety Data Sheet