SEM

Printing date 03/14/2018 Reviewed on 03/14/2018

1 Identification

- · Product identifier
- · Trade name: 19183 Honda Royal Blue Pearl
- · Article number: 19183
- · Application of the substance / the mixture Coating
- Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

SEM Products Inc. 1685 Overview Drive Rock Hill, SC 29730

803 207 8225

· Information department:

cust_care@semproducts.com : SEM Products,Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT

· Emergency telephone number: CHEMTREC 1-800-424-9300

2 Hazard(s) identification

· Classification of the substance or mixture





GHS02 GHS04 Flame, Gas cylinder

Flam. Aerosol 1 H222 Extremely flammable aerosol.



GHS04 Gas cylinder

Press. Gas H280 Contains gas under pressure; may explode if heated.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- · Label elements
- · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

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USA



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· Hazard pictograms

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GHS04 GHS07

· Signal word Danger

· Hazard-determining components of labeling:

acetone

toluene

4-methylpentan-2-one

n-butyl acetate

· Hazard statements

H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation. H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

· Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood. 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.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention. P308+P313

P312 Call a poison center/doctor if you feel unwell. Get medical advice/attention if you feel unwell. P314 P337+P313 *If eye irritation persists: Get medical advice/attention.*

Store in a well-ventilated place. Keep container tightly closed. P403+P233

P405 Store locked up.

P410+P403 Protect from sunlight. Store in a well-ventilated place.

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

P501 Dispose of contents/container in accordance with local/regional/national/international

· Classification system:

· NFPA ratings (scale 0 - 4)



Health = 2Fire = 4Reactivity = 3

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· HMIS-ratings (scale 0 - 4)

HEALTH 2 Health = 2FIRE 4 Fire = 4REACTIVITY 3 Reactivity = 3

- · Other hazards
- · Results of PBT and vPvB assessment
- · **PBT**: Not applicable. · **vPvB**: Not applicable.

3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- · Description:

Mixture: consisting of the following components.

Weight percentages

· Dangerous components:		
67-64-1	acetone	13-30%
	Petroleum gases, liquefied, sweetened	13-30%
	n-butyl acetate	13-30%
108-65-6	2-methoxy-1-methylethyl acetate	10-13%
	isobutyl acetate	5-7%
108-88-3		1.5-5%
	ethyl 3-ethoxypropionate	1.5-5%
	4-methylpentan-2-one	1-1.5%
100-41-4	ethylbenzene	≥0.1-≤1%

4 First-aid measures

- Description of first aid measures
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Generally the product does not irritate the skin.
- · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- · After swallowing: If symptoms persist consult doctor.
- · Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

- · Extinguishing media
- · Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· Special hazards arising from the substance or mixture No further relevant information available.

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- · Advice for firefighters
- · Protective equipment: Wear self-contained respiratory protective device.

6 Accidental release measures

- · Personal precautions, protective equipment and emergency procedures
- Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow to enter sewers/surface or ground water.
- Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· Reference to other sections

· PAC-1:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

· Protective Action Criteria for Chemicals

67-64-1	acetone	200 ppm	
123-86-4	n-butyl acetate	5 ppm	
108-65-6	5-6 2-methoxy-1-methylethyl acetate		
110-19-0	isobutyl acetate	450 ppm	
108-88-3	toluene	67 ppm	
763-69-9	ethyl 3-ethoxypropionate	1.6 ppm	
108-10-1	4-methylpentan-2-one	75 ppm	
110-43-0	heptan-2-one	150 ppm	
7631-86-9	silicon dioxide, chemically prepared	18 mg/m	
1330-20-7	xylene	130 ppm	
1333-86-4	Carbon black	$9 mg/m^3$	
100-41-4	ethylbenzene	33 ppm	
13463-67-7	titanium dioxide	30 mg/m	
12001-26-2	Mica	9 mg/m^3	
71-36-3	butan-1-ol	60 ppm	
7727-43-7	barium sulphate, natural	15 mg/m	
25322-68-3	Polyethylene glycol	30 mg/m	
18282-10-5	tin dioxide	7.6 mg/n	
PAC-2:			
67-64-1	acetone	3200* ppm	
123-86-4	n-butyl acetate	200 ррт	
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm	
110-19-0	isobutyl acetate	1300* ppm	
108-88-3	toluene	560 ppm	
763-69-9	ethyl 3-ethoxypropionate	18 ppm	
108-10-1	4-methylpentan-2-one	500 ppm	
110-43-0	heptan-2-one	670 ppm	

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7631-86-9 silicon dioxide, chemically prepared	740 mg/m^3
1330-20-7 xylene	920* ppm
1333-86-4 Carbon black	99 mg/m³
100-41-4 ethylbenzene	1100* ppm
13463-67-7 titanium dioxide	330 mg/m^3
12001-26-2 Mica	99 mg/m³
71-36-3 butan-1-ol	800 ppm
7727-43-7 barium sulphate, natural	170 mg/m^3
25322-68-3 Polyethylene glycol	1,300 mg/m
18282-10-5 tin dioxide	85 mg/m³
· PAC-3:	
67-64-1 acetone	5700* ppm
123-86-4 n-butyl acetate	3000* ppm
108-65-6 2-methoxy-1-methylethyl acetate	5000* ppm
110-19-0 isobutyl acetate	7500** ppn
108-88-3 toluene	3700* ppm
763-69-9 ethyl 3-ethoxypropionate	110 ppm
108-10-1 4-methylpentan-2-one	3000* ppm
110-43-0 heptan-2-one	4000* ppm
7631-86-9 silicon dioxide, chemically prepared	4,500 mg/m
1330-20-7 xylene	2500* ppm
1333-86-4 Carbon black	590 mg/m³
100-41-4 ethylbenzene	1800* ppm
13463-67-7 titanium dioxide	2,000 mg/m
12001-26-2 Mica	590 mg/m^3
71-36-3 butan-1-ol	8000** ppn
7727-43-7 barium sulphate, natural	990 mg/m^3
25322-68-3 Polyethylene glycol	7,700 mg/m
18282-10-5 tin dioxide	510 mg/m^3

7 Handling and storage

- · Handling:
- · Precautions for safe handling No special measures required.
- · Information about protection against explosions and fires:

Do not spray on a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

- · Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurized containers.

· Information about storage in one common storage facility: Store away from oxidizing agents.

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- · Further information about storage conditions: Keep receptacle tightly sealed.
- · Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- · Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- · Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

	-1 acetone	
PEL	Long-term value: 2400 mg/m³, 1000 ppm	
REL	Long-term value: 590 mg/m³, 250 ppm	
TLV	Short-term value: 1187 mg/m³, 500 ppm	
	Long-term value: 594 mg/m³, 250 ppm	
	BEI	
	6-4 n-butyl acetate	
PEL	Long-term value: 710 mg/m³, 150 ppm	
REL	Long-term value: 950 mg/m³, 200 ppm	
TLV	Short-term value: 712 mg/m³, 150 ppm	
	Long-term value: 238 mg/m³, 50 ppm	
108-6.	5-6 2-methoxy-1-methylethyl acetate	
WEEL	L Long-term value: 50 ppm	
110-1	9-0 isobutyl acetate	
PEL	Long-term value: 700 mg/m³, 150 ppm	_
REL	Long-term value: 700 mg/m³, 150 ppm	
TLV	Short-term value: 712 mg/m³, 150 ppm	
	Long-term value: 238 mg/m³, 50 ppm	
108-8	8-3 toluene	
PEL	Long-term value: 200 ppm	_
	Ceiling limit value: 300; 500* ppm	
	*10-min peak per 8-hr shift	
REL	Short-term value: 560 mg/m³, 150 ppm	
	Long-term value: 375 mg/m³, 100 ppm	
TLV	Long-term value: 75 mg/m³, 20 ppm BEI	
108-1	0-1 4-methylpentan-2-one	
PEL	Long-term value: 410 mg/m³, 100 ppm	
REL	Short-term value: 300 mg/m³, 75 ppm	
	Long-term value: 205 mg/m³, 50 ppm	
TLV	Short-term value: 307 mg/m³, 75 ppm	
	Long-term value: 82 mg/m³, 20 ppm	
	BEI	

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100-41-4 ethylbenzene

Long-term value: 435 mg/m³, 100 ppm PELRELShort-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm TLVLong-term value: 87 mg/m³, 20 ppm

BEI

· Ingredients with biological limit values:

67-64-1 acetone

BEI 50 mg/L

Medium: urine Time: end of shift

Parameter: Acetone (nonspecific)

108-88-3 toluene

BEI 0.02 mg/L

Medium: blood

Time: prior to last shift of workweek

Parameter: Toluene

0.03 mg/LMedium: urine Time: end of shift Parameter: Toluene

0.3 mg/g creatinine Medium: urine Time: end of shift

Parameter: o-Cresol with hydrolysis (background)

108-10-1 4-methylpentan-2-one

BEI 1 mg/L

Medium: urine Time: end of shift Parameter: MIBK

100-41-4 ethylbenzene

BEI 0.7 g/g creatinine

Medium: urine

Time: end of shift at end of workweek

Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

Medium: end-exhaled air

Time: not critical

Parameter: Ethyl benzene (semi-quantitative)

- Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

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Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· Protection of hands:

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Not determined.

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:

Safety glasses



Tightly sealed goggles

9 Physical and chemical properties

- · Information on basic physical and chemical properties
- · General Information
- · Appearance:

· pH-value:

Form: Aerosol
Color: Dark blue
Odor: Characteristic
Odor threshold: Not determined.

· Change in condition

Melting point/Melting range:Undetermined.Boiling point/Boiling range:55.8-56.6 °C

· Flash point: -103 °C

· Flammability (solid, gaseous): Not applicable.

• Ignition temperature: 370 °C

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Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture. Avoid high heat
Explosion limits:	
Lower:	1.9 Vol %
Upper:	13 Vol %
· Vapor pressure at 20 °C:	233 hPa
Density at 20 °C:	0.75172 g/cm^3
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wo	nter): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	92.4 %
VOC content:	62.54 %
	656.7 g/l / 5.48 lb/gl
Solids content:	7.4 %
Other information	No further relevant information available.

10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- Hazardous decomposition products:

Nitrogen oxides

Hydrocarbons

Carbon monoxide and carbon dioxide

USA

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11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

· LD/LC50 values that are relevant for classification:			
108-88-3 toluene			
Oral	LD50	5,000 mg/kg (rat)	
Dermal	LD50	12,124 mg/kg (rabbit)	
Inhalative	LC50/4 h	5,320 mg/l (mouse)	

- · Primary irritant effect:
- · on the skin: No irritant effect.
- · on the eye: Irritating effect.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)		
108-88-3	toluene	3
108-10-1	4-methylpentan-2-one	2B
	silicon dioxide, chemically prepared	3
1330-20-7		3
1333-86-4	Carbon black	2B
	ethylbenzene	2B
13463-67-7	titanium dioxide	2B

· NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.

- · Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.

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· Other adverse effects No further relevant information available.

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13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.

UN-Number DOT, ADR, IMDG, IATA	UN1950
UN proper shipping name	
DOT	Aerosols, flammable
ADR	1950 Aerosols
IMDG	AEROSOLS
IATA	AEROSOLS, flammable
Transport hazard class(es)	
DOT	
**	
RAMBURE 615	
Class	2.1
Label	2.1
ADR	
<u> </u>	
Class	2 5F Gases
Label	2.1
IMDG, IATA	
A	
Class	2.1
Label	2.1
Packing group	
DOT, ADR, IMDG, IATA	Void

-USA



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	(Contd. of page 11
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user	Warning: Gases
· EMS Number:	F- D , S - U
· Stowage Code	SW1 Protected from sources of heat.
	SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
· Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
Transport in bulk according to Annex . MARPOL73/78 and the IBC Code	II of Not applicable.
· Transport/Additional information:	
· DOT	
· Quantity limitations	On passenger aircraft/rail: 75 kg
2	On cargo aircraft only: 150 kg
· <i>ADR</i>	
· Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
· IMDG	
· Limited quantities (LQ)	IL
· Excepted quantities (EQ)	Code: E0
· · · · · · · · · · · · · · · · · · ·	Not permitted as Excepted Quantity
· UN ''Model Regulation'':	UN 1950 AEROSOLS, 2.1

15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Sara

· Section 355	· Section 355 (extremely hazardous substances):		
None of the	None of the ingredient is listed.		
· Section 313	3 (Specific toxic chemical listings):		
	Acrylic Resin		
108-88-3	toluene		
108-10-1	4-methylpentan-2-one		
1330-20-7	xylene		
100-41-4	ethylbenzene		
71-36-3	butan-1-ol		
7727-43-7	barium sulphate, natural		

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TSCA (Tami	(Contd. of page
	Substances Control Act): acetone
	n-butyl acetate
	2-methoxy-1-methylethyl acetate
	isobutyl acetate
108-88-3	
	ethyl 3-ethoxypropionate
	Cellulose Acetate Butyrate
	4-methylpentan-2-one
110-43-0	heptan-2-one
7631-86-9	silicon dioxide, chemically prepared
1330-20-7	xylene
16883-83-3	benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate
1333-86-4	Carbon black
100-41-4	ethylbenzene
13463-67-7	titanium dioxide
71-36-3	butan-1-ol
147-14-8	Phthalocyanine Blue
	bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate
	poly(oxy-1,2-ethanediyl), α -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyll-oxopropyl]- ω -hydroxy-
104810-47-1	poly(oxy-1,2-ethanediyl), α -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl 1-oxopropyl]- ω -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-oxopropoxy]-
7727-43-7	barium sulphate, natural
82919-37-7	Methyl (1,2,2,6,6,- pentamethyl-4-piperidinyl) sebacate
25322-68-3	Polyethylene glycol
18282-10-5	tin dioxide
106-79-6	Dimethyl sebacate(Impurity)
	4-Piperidinol, 1,2,2,6,6 pentamethyl- (Impurity)
· TSCA new (2	Plst Century Act) (Substances not listed)
68476-86-8	Petroleum gases, liquefied, sweetened
· Proposition (55
· Chemicals ki	nown to cause cancer:
108-10-1	4-methylpentan-2-one
1330-20-7	xylene
1333-86-4	Carbon black
100-41-4	ethylbenzene
	titanium dioxide
· Chemicals ki	nown to cause reproductive toxicity for females:
	ngredients is listed.
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(Contd. of page 13) · Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed. · Chemicals known to cause developmental toxicity: 108-88-3 toluene 108-10-1 4-methylpentan-2-one · Cancerogenity categories · EPA (Environmental Protection Agency) 67-64-1 acetone 108-88-3 toluene II108-10-1 4-methylpentan-2-one Ι 1330-20-7 xylene 100-41-4 ethylbenzene D 71-36-3 butan-1-ol D7727-43-7 barium sulphate, natural D, CBD(inh), NL(oral) · TLV (Threshold Limit Value established by ACGIH) 67-64-1 acetone A4108-88-3 toluene A41330-20-7 xylene A41333-86-4 Carbon black A4100-41-4 ethylbenzene A313463-67-7 titanium dioxide A4· NIOSH-Ca (National Institute for Occupational Safety and Health) 1333-86-4 Carbon black 13463-67-7 titanium dioxide

- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- · Hazard pictograms









GHS02

GHS04

GHS07

7 GHS08

- · Signal word Danger
- · Hazard-determining components of labeling:

acetone

toluene

4-methylpentan-2-one

n-butyl acetate

· Hazard statements

H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

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· Precautionary s	statements
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P201	Obtain special	instructions before use.

P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Do not spray on an open flame or other ignition source. P211 P251 Pressurized container: Do not pierce or burn, even after use.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area. P271

Wear protective gloves/protective clothing/eye protection/face protection. P280 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P312 Call a poison center/doctor if you feel unwell. Get medical advice/attention if you feel unwell. P314 P337+P313 If eye irritation persists: Get medical advice/attention. P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P410+P403 Protect from sunlight. Store in a well-ventilated place.

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

Dispose of contents/container in accordance with local/regional/national/international P501

regulations.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Environment protection department.
- · Contact: Rita Joiner (rjoiner@semproducts.com)
- · Date of preparation / last revision 03/14/2018 / 18
- · Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

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 $REL: Recommended\ Exposure\ Limit$ BEI: Biological Exposure Limit

Flam. Aerosol 1: Aerosols – Category 1 Press. Gas: Gases under pressure – Compressed gas

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Carc. 2: Carcinogenicity – Category 2
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

* * Data compared to the previous version altered.