

Reviewed on 06/20/2017

1 Identification

- · Product identifier
- · Trade name: 15993 Universal Color Coat Aerosol
- · Article number: 15993
- · 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

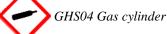
• Emergency telephone number: CHEMTREC 1-800-424-9300

2 Hazard(s) identification

· Classification of the substance or mixture

GHS02 GHS04 Flame, Gas cylinder

Flam. Aerosol 1 H222 Extremely flammable aerosol.



GHS07

Press. Gas

Eye Irrit. 2A	H319 Causes serious eye irritation.
STOT SE 3	H336 May cause drowsiness or dizziness.

H280 Contains gas under pressure; may explode if heated.

· Label elements

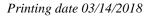
- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- · Hazard pictograms



- · Signal word Danger
- Hazard-determining components of labeling: acetone
- · Hazard statements
- H222 Extremely flammable aerosol.
- H280 Contains gas under pressure; may explode if heated.

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	(Contd. of page 1)
H319 Causes ser	ious eye irritation.
H336 May cause	drowsiness or dizziness.
· Precautionary st	atements
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.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection / face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P3.	38 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present
	and easy to do. Continue rinsing.
P312	Call a poison center/doctor if you feel unwell.
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.
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
	regulations.
· Classification sys	
· NFPA ratings (se	cale 0 - 4)

· HMIS-ratings (scale 0 - 4)

HEALTH 2	Health = 2
FIRE 4	Fire = 4
REACTIVITY 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	40-60%	
74-98-6	propane	30-40%	
110-19-0	isobutyl acetate	≥7-<10%	
	(Co	ntd. on page 3)	
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763-69-9 ethyl 3-ethoxypropionate

(Contd. of page 2) 1-1.5%

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.
- · Advice for firefighters
- · Protective equipment: No special measures required.

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: Ensure adequate ventilation.
- · Reference to other sections
- 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

· PAC-1:		
67-64-1	acetone	200 ppm
74-98-6	propane	5500* ppm
	isobutyl acetate	450 ppm
763-69-9	ethyl 3-ethoxypropionate	1.6 ppm
· PAC-2:		
67-64-1	acetone	3200* ppm
74-98-6	propane	17000** ppm
	isobutyl acetate	1300* ppm
763-69-9	ethyl 3-ethoxypropionate	18 ppm
		(Contd. on page 4



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		(Contd. of page 3)
· PAC-3:		
67-64-1		5700* ppm
74-98-6	propane	33000*** ppm
110-19-0	isobutyl acetate	7500** ppm
763-69-9	ethyl 3-ethoxypropionate	110 ppm

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: Not required.
- 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 remaining constituent has no known exposure limits.

67-64	4-1 acetone
PEL	Long-term value: 2400 mg/m ³ , 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
74-98	8-6 propane
PEL	Long-term value: 1800 mg/m³, 1000 ppm
REL	Long-term value: 1800 mg/m³, 1000 ppm
TLV	refer to Appendix F inTLVs&BEIs book; D, EX
110-1	19-0 isobutyl acetate
PEL	Long-term value: 700 mg/m ³ , 150 ppm
REL	Long-term value: 700 mg/m³, 150 ppm
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	(Contd. of page
TLV Short-term value: 712 mg/m ³ , 150 ppm	
Long-term value: 238 mg/m ³ , 50 ppm	
· Ingredients with biological limit values:	
67-64-1 acetone	
BEI 50 mg/L	
Medium: urine	
Time: end of shift	
Parameter: Acetone (nonspecific)	
• 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.	
Wash hands before breaks and at the end of work.	
Avoid contact with the eyes.	
Avoid contact with the eyes and skin. • Breathing equipment: Not required.	
• Breathing equipment: Not required. • Protection of hands:	
Due to missing tests no recommendation to the glove material can be given for the product/ the p	preparation/t
chemical mixture.	reparations i
Selection of the glove material on consideration of the penetration times, rates of diffusion and the	degradation
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation	
· Material of gloves	
The selection of the suitable gloves does not only depend on the material, but also on further mark varies from manufacturer to manufacturer. As the product is a preparation of several substances of the glove material can not be calculated in advance and has therefore to be checked prior to the	s, the resistan
• Penetration time of glove material	11.
The exact break trough time has to be found out by the manufacturer of the protective gloves	s and has to
observed. • Eye protection:	
Safety glasses	
Sujery glasses	
(Interpretent contractions of the second contraction of the second con	
Physical and chemical properties	
Information on basis abouised and showing lange still	
 Information on basic physical and chemical properties General Information 	

• Appearance: Form:

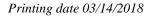
*

- Aerosol According to product specification Color: Characteristic · Odor: Not determined. · Odor threshold:
- · pH-value:

Not determined.

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 Change in condition Melting point/Melting range: Boiling point/Boiling range: 	Undetermined. -44 °C
· Flash point:	-97 °C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	405 °C
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
· Explosion limits: Lower: Upper:	1.7 Vol % 13 Vol %
· Vapor pressure at 20 °C:	8,300 hPa
• Density at 20 °C: • Relative density • Vapor density • Evaporation rate	0.65318 g/cm ³ Not determined. Not determined. Not applicable.
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/wat	ter): Not determined.
· Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
• Solvent content: Organic solvents: VOC content:	100.0 % 48.51 % 551.8 g/l / 4.60 lb/gl
Solids content: • Other information	0.0 % 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: No dangerous decomposition products known.

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\cdot Acute to	ution on toxicological effects oxicity:
· LD/LC5	0 values that are relevant for classification:
67-64-1	acetone
Oral	LD50 5,800 mg/kg (rat)
Dermal	LD50 20,000 mg/kg (rabbit)
• on the e • Sensitize • Addition The prod Irritant	kin: No irritant effect. ye: Irritating effect. ation: No sensitizing effects known. aal toxicological information: duct shows the following dangers according to internally approved calculation methods for preparations:
	genic categories International Agency for Research on Cancer)
	nici nutional Algency for Rescarch on Cancer

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.
- · Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

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



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· Uncleaned packagings:

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• Recommendation: Disposal must be made according to official regulations.

UN-Number DOT, ADR, IMDG, IATA	UN1950
	011950
UN proper shipping name	
DOT	Aerosols, flammable
ADR	1950 Aerosols
IMDG IATA	AEROSOLS
	AEROSOLS, flammable
Transport hazard class(es)	
DOT	
I AMMENT CAS	
Class	2.1
Label	2.1
ADR	
Class	2 5F Gases
Label	2.1 2.1
	2.1
IMDG, IATA	
~	
Class	2.1
Label	2.1
Packing group	
DOT, ADR, IMDG, IATA	Void
Environmental hazards:	
Marine pollutant:	No
	Warning: Gases
Special precautions for user EMS Number:	F-D,S-U

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Stowage Code Segregation 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 livin quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre Segregation as for class 9. Stow "separated from" class 1 except fo division 1.4. For AEROSOLS with a capacity above 1 litre Segregation as for the appropriate subdivision of class 2. Fo WASTE AEROSOLS: Segregation as for the appropriate subdivisio 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 On cargo aircraft only: 150 kg
ADR	
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 1950 AEROSOLS, 2.1

15 Regulatory information

 \cdot Safety, health and environmental regulations/legislation specific for the substance or mixture \cdot Sara

· Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

• TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

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· Chemicals kno	wn to cause	developmental	toxicity:
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None of the ingredients is listed.

· Cancerogenity categories

 \cdot EPA (Environmental Protection Agency)

67-64-1 acetone

· TLV (Threshold Limit Value established by ACGIH)

67-64-1 acetone

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

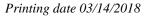
• *GHS label elements* The product is classified and labeled according to the Globally Harmonized System (GHS). • *Hazard pictograms*



· Signal word Danger

acetone	ining components of labeling:
Hazard statem	ents
•	y flammable aerosol.
	gas under pressure; may explode if heated.
	erious eye irritation.
	se drowsiness or dizziness.
Precautionary	
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.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection / face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+F	2338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a poison center/doctor if you feel unwell.
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.
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 regulations.
Chemical safet	y assessment: A Chemical Safety Assessment has not been carried out.

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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 / 8

· 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 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 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 • * Data compared to the previous version altered.