

1 Identification

- **Product identifier**
- **Trade name:** M25641 Griptide Sportman Green
- **Article number:** M25641
- **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 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

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



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**

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

- **Hazard pictograms**



GHS02



GHS07



GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate

- **Hazard statements**

H225 Highly flammable liquid and vapor.

H317 May cause an allergic skin reaction.

H361 Suspected of damaging fertility or the unborn child.

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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.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P272 Contaminated work clothing must not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P321 Specific treatment (see on this label).
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings (scale 0 - 4)



HMIS-ratings (scale 0 - 4)

HEALTH	0	Health = 0
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

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:

123-86-4	n-butyl acetate	10-13%
540-88-5	tert-butyl acetate	5-7%
110-43-0	heptan-2-one	1.5-5%

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25053-09-2	Acrylic Polymer	1.5-5%
67-64-1	acetone	1-1.5%
108-88-3	toluene	≥0.1-≤1%
41556-26-7	bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate	≥0.1-<1%

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **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.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **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:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
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:**

123-86-4	n-butyl acetate	5 ppm
540-88-5	tert-butyl acetate	600 ppm
110-43-0	heptan-2-one	150 ppm

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67-64-1	acetone	200 ppm
1330-20-7	xylene	130 ppm
112945-52-5	SILICA	18 mg/m ³
13463-67-7	titanium dioxide	30 mg/m ³
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
95-63-6	1,2,4-trimethylbenzene	140 ppm
108-88-3	toluene	67 ppm
1333-86-4	Carbon black	9 mg/m ³
78-93-3	butanone	200 ppm
25322-68-3	Polyethylene glycol	30 mg/m ³
100-41-4	ethylbenzene	33 ppm
77-58-7	dibutyltin dilaurate	1.1 mg/m ³
14808-60-7	Quartz (SiO ₂)	0.075 mg/m ³
111-76-2	2-butoxyethanol	60 ppm
108-83-8	2,6-dimethylheptan-4-one	75 ppm
67-56-1	methanol	530 ppm
70657-70-4	2-methoxypropyl acetate	50 ppm
78-83-1	butanol	150 ppm
57-55-6	Methyl glycol	30 mg/m ³

PAC-2:

123-86-4	n-butyl acetate	200 ppm
540-88-5	tert-butyl acetate	1,700 ppm
110-43-0	heptan-2-one	670 ppm
67-64-1	acetone	3200* ppm
1330-20-7	xylene	920* ppm
112945-52-5	SILICA	100 mg/m ³
13463-67-7	titanium dioxide	330 mg/m ³
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
95-63-6	1,2,4-trimethylbenzene	360 ppm
108-88-3	toluene	560 ppm
1333-86-4	Carbon black	99 mg/m ³
78-93-3	butanone	2700* ppm
25322-68-3	Polyethylene glycol	1,300 mg/m ³
100-41-4	ethylbenzene	1100* ppm
77-58-7	dibutyltin dilaurate	8 mg/m ³
14808-60-7	Quartz (SiO ₂)	33 mg/m ³
111-76-2	2-butoxyethanol	120 ppm
108-83-8	2,6-dimethylheptan-4-one	330 ppm
67-56-1	methanol	2,100 ppm
70657-70-4	2-methoxypropyl acetate	1,000 ppm
78-83-1	butanol	1,300 ppm

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57-55-6	Methyl glycol	1,300 mg/m ³
· PAC-3:		
123-86-4	n-butyl acetate	3000* ppm
540-88-5	tert-butyl acetate	10,000 ppm
110-43-0	heptan-2-one	4000* ppm
67-64-1	acetone	5700* ppm
1330-20-7	xylene	2500* ppm
112945-52-5	SILICA	630 mg/m ³
13463-67-7	titanium dioxide	2,000 mg/m ³
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
95-63-6	1,2,4-trimethylbenzene	480 ppm
108-88-3	toluene	3700* ppm
1333-86-4	Carbon black	590 mg/m ³
78-93-3	butanone	4000* ppm
25322-68-3	Polyethylene glycol	7,700 mg/m ³
100-41-4	ethylbenzene	1800* ppm
77-58-7	dibutyltin dilaurate	48 mg/m ³
14808-60-7	Quartz (SiO ₂)	200 mg/m ³
111-76-2	2-butoxyethanol	700 ppm
108-83-8	2,6-dimethylheptan-4-one	2000* ppm
67-56-1	methanol	7200* ppm
70657-70-4	2-methoxypropyl acetate	5,000 ppm
78-83-1	butanol	8000* ppm
57-55-6	Methyl glycol	7,900 mg/m ³

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

USA

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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.

123-86-4 n-butyl acetate

PEL	Long-term value: 710 mg/m ³ , 150 ppm
REL	Long-term value: 950 mg/m ³ , 200 ppm
TLV	Short-term value: 712 mg/m ³ , 150 ppm Long-term value: 238 mg/m ³ , 50 ppm

540-88-5 tert-butyl acetate

PEL	Long-term value: 950 mg/m ³ , 200 ppm
REL	Long-term value: 950 mg/m ³ , 200 ppm
TLV	Short-term value: 712 mg/m ³ , 150 ppm Long-term value: 238 mg/m ³ , 50 ppm

110-43-0 heptan-2-one

PEL	Long-term value: 465 mg/m ³ , 100 ppm
REL	Long-term value: 465 mg/m ³ , 100 ppm
TLV	Long-term value: 233 mg/m ³ , 50 ppm

67-64-1 acetone

PEL	Long-term value: 2400 mg/m ³ , 1000 ppm
REL	Long-term value: 590 mg/m ³ , 250 ppm
TLV	Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm BEI

108-88-3 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/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
TLV	Long-term value: 75 mg/m ³ , 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)
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108-88-3 toluene

BEI 0.02 mg/L
Medium: blood
Time: prior to last shift of workweek
Parameter: Toluene

0.03 mg/L
Medium: urine
Time: end of shift
Parameter: Toluene

0.3 mg/g creatinine
Medium: urine
Time: end of shift
Parameter: o-Cresol with hydrolysis (background)

· **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.

· **Breathing equipment:** Not required.

· **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.

· **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:**



Tightly sealed goggles



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9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· **Form:** Liquid
 · **Color:** Dark green
 · **Odor:** Characteristic
 · **Odor threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

· **Melting point/Melting range:** Undetermined.
 · **Boiling point/Boiling range:** 97.9 °C

· **Flash point:** 15 °C

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 370 °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:** 1.2 Vol %
 · **Upper:** 7.5 Vol %

· **Vapor pressure at 20 °C:** 10.7 hPa

· **Density at 20 °C:** 1.16163 g/cm³

· **Relative density:** Not determined.

· **Vapor density:** Not determined.

· **Evaporation rate:** Not determined.

· **Solubility in / Miscibility with**

· **Water:** Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

· **Dynamic:** Not determined.
 · **Kinematic:** Not determined.

· **Solvent content:**

· **Organic solvents:** 24.6 %
 · **Water:** 0.1 %
 · **VOC content:** 17.06 %
 202.3 g/l / 1.69 lb/gl

· **Solids content:** 75.5 %

· **Other information:** No further relevant information available.



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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.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **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)**

1330-20-7	xylene	3
13463-67-7	titanium dioxide	2B
108-88-3	toluene	3
1333-86-4	Carbon black	2B
100-41-4	ethylbenzene	2B
14807-96-6	Talc	3
14808-60-7	Quartz (SiO ₂)	1
111-76-2	2-butoxyethanol	3

· **NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO ₂)	K
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· **OSHA-Ca (Occupational Safety & Health Administration)**

68911-87-5	montmorilontie clay complex	
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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.

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- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **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.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** UN1263
- **UN proper shipping name**
- **DOT** Paint
- **ADR** 1263 Paint, special provision 640D
- **IMDG, IATA** PAINT
- **Transport hazard class(es)**
- **DOT**
- 
- **Class** 3 Flammable liquids
- **Label** 3
- **ADR, IMDG, IATA**
- 
- **Class** 3 Flammable liquids
- **Label** 3
- **Packing group**
- **DOT, ADR, IMDG, IATA** II
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Warning: Flammable liquids

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Trade name: M25641 Griptide Sportman Green

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· EMS Number:	F-E, <u>S-E</u>
· Stowage Category	B
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Quantity limitations	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
· ADR	
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1263 PAINT, SPECIAL PROVISION 640D, 3, II

15 Regulatory information

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

· Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

	Acrylic Resin
1330-20-7	xylene
95-63-6	1,2,4-trimethylbenzene
108-88-3	toluene
78-93-3	butanone
100-41-4	ethylbenzene
14807-96-6	Talc
111-76-2	2-butoxyethanol
67-56-1	methanol

· TSCA (Toxic Substances Control Act):

1317-65-3	GROUND CALCIUM CARBONATE
66070-58-4	Styrene-Ethylene/Butylene-Styrene block Copolymer
123-86-4	n-butyl acetate
540-88-5	tert-butyl acetate
110-43-0	heptan-2-one
25053-09-2	Acrylic Polymer

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67-64-1	acetone
5567-15-7	Novaperm yellow HR02
1330-20-7	xylene
13463-67-7	titanium dioxide
1332-37-2	Iron oxide
108-65-6	2-methoxy-1-methylethyl acetate
95-63-6	1,2,4-trimethylbenzene
64742-88-7	Solvent naphtha (petroleum), medium aliph.
104810-48-2	poly(oxy-1,2-ethanediyl), α -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]- ω -hydroxy-
108-88-3	toluene
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]-1-oxopropoxy]-
41556-26-7	bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate
1333-86-4	Carbon black
147-14-8	Phthalocyanine Blue
78-93-3	butanone
25322-68-3	Polyethylene glycol
82919-37-7	Methyl (1,2,2,6,6,- pentamethyl-4-piperidinyl) sebacate
100-41-4	ethylbenzene
77-58-7	dibutyltin dilaurate
9038-95-3	OXIRANE,ME, POLYMER
14807-96-6	Talc
14808-60-7	Quartz (SiO ₂)
111-76-2	2-butoxyethanol
68911-87-5	montmorilontie clay complex

· TSCA new (21st Century Act) (Substances not listed)

25053-09-2 Acrylic Polymer

· Proposition 65

· Chemicals known to cause cancer:

1330-20-7	xylene
13463-67-7	titanium dioxide
95-63-6	1,2,4-trimethylbenzene
1333-86-4	Carbon black
100-41-4	ethylbenzene
14808-60-7	Quartz (SiO ₂)

· 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 known to cause developmental toxicity:**

108-88-3	toluene
67-56-1	methanol

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

67-64-1	acetone	I
1330-20-7	xylene	I
95-63-6	1,2,4-trimethylbenzene	II
108-88-3	toluene	II
78-93-3	butanone	I
100-41-4	ethylbenzene	D
111-76-2	2-butoxyethanol	NL

· **TLV (Threshold Limit Value established by ACGIH)**

67-64-1	acetone	A4
1330-20-7	xylene	A4
13463-67-7	titanium dioxide	A4
108-88-3	toluene	A4
1333-86-4	Carbon black	A4
100-41-4	ethylbenzene	A3
77-58-7	dibutyltin dilaurate	A4
14807-96-6	Talc	A4
14808-60-7	Quartz (SiO ₂)	A2
111-76-2	2-butoxyethanol	A3

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

13463-67-7	titanium dioxide
1333-86-4	Carbon black
14808-60-7	Quartz (SiO ₂)
67-56-1	methanol

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

· **Hazard pictograms**



GHS02 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**

bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate

· **Hazard statements**

H225 Highly flammable liquid and vapor.

H317 May cause an allergic skin reaction.

H361 Suspected of damaging fertility or the unborn child.

· **Precautionary statements**

P201 Obtain special instructions before use.

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- 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.
 - P233 Keep container tightly closed.
 - P240 Ground/bond container and receiving equipment.
 - P241 Use explosion-proof electrical/ventilating/lighting/equipment.
 - P242 Use only non-sparking tools.
 - P243 Take precautionary measures against static discharge.
 - P261 Avoid breathing dust/fume/gas/mist/vapors/spray
 - P272 Contaminated work clothing must not be allowed out of the workplace.
 - P280 Wear protective gloves/protective clothing/eye protection/face protection.
 - P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 - P308+P313 IF exposed or concerned: Get medical advice/attention.
 - P321 Specific treatment (see on this label).
 - P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 - P363 Wash contaminated clothing before reuse.
 - P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.
 - P403+P235 Store in a well-ventilated place. Keep cool.
 - P405 Store locked up.
 - P501 Dispose of contents/container in accordance with local/regional/national/international 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)
 - 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. Liq. 2: Flammable liquids – Category 2
 - Skin Sens. 1: Skin sensitisation – Category 1
 - Repr. 2: Reproductive toxicity – Category 2
- *** Data compared to the previous version altered.**