*Printing date 03/14/2018* 



Reviewed on 06/20/2017

## **1** Identification

- · Product identifier
- · Trade name: 39141 39144 Trim Black
- · Article number: 39141, 39144
- · Application of the substance / the mixture Coating
- $\cdot$  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

Carc. 2H351 Suspected of causing cancer.Repr. 2H361 Suspected of damaging fertility or the unborn child.STOT RE 2H373 May cause damage to organs through prolonged or repeated exposure.

GHS07

Skin Irrit. 2 H315 Causes skin 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). • *Hazard pictograms* 



· Signal word Danger

• Hazard-determining components of labeling: toluene butanone

(Contd. on page 2)

<sup>-</sup> *2)* - USA

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n-butyl acetate • Hazard statements H225 Highly flammable liquid and vapor. H315 Causes skin irritation. H351 Suspected of causing cancer. H361 Suspected of damaging fertility or the unborn child. H226 May cause drows in case or discusses	
<ul> <li>H225 Highly flammable liquid and vapor.</li> <li>H315 Causes skin irritation.</li> <li>H351 Suspected of causing cancer.</li> <li>H361 Suspected of damaging fertility or the unborn child.</li> </ul>	
<ul><li>H315 Causes skin irritation.</li><li>H351 Suspected of causing cancer.</li><li>H361 Suspected of damaging fertility or the unborn child.</li></ul>	
H351 Suspected of causing cancer. H361 Suspected of damaging fertility or the unborn child.	
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.	
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.	
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.	
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with	water/
shower.	
<i>P304+P340</i> IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P308+P313 IF exposed or concerned: Get medical advice/attention.	
P312 Call a poison center/doctor if you feel unwell.	
P321 Specific treatment (see on this label).	
P314 Get medical advice/attention if you feel unwell.	
P362+P364 Take off contaminated clothing and wash it before reuse.	
P332+P313 If skin irritation occurs: Get medical advice/attention.	
P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.	
P403+P233 Store in a well-ventilated place. Keep container tightly closed.	
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/intern	ational
regulations.	
Classification system:	
NFPA ratings (scale 0 - 4)	
Health = 1	
$\frac{1}{3}$ Fire = 3	
$\frac{1}{1} \frac{0}{Reactivity} = 0$	
HMIS-ratings (scale 0 - 4)	
$\begin{array}{c} \text{HEALTH}  1 \\ \text{Health} = 1 \end{array}$	
FIRE 3 Fire = 3	
<b>REACTIVITY</b> $O$ Reactivity = 0	

• Other hazards

• Results of PBT and vPvB assessment • PBT: Not applicable.

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· vPvB: Not applicable.

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### **3** Composition/information on ingredients

- · Chemical characterization: Mixtures
- · Description:

*Mixture: consisting of the following components. Weight percentages* 

0	· Dangerous components:		
<i>108-88-3</i>		60-70%	
78-93-3	butanone	5-7%	
	n-butyl acetate	1.5-5%	
1330-20-7	•	1.5-5%	
1333-86-4	Carbon black	1-1.5%	
100-41-4	ethylbenzene	<i>≥</i> 0.1- <i>≤</i> 1%	

#### 4 First-aid measures

- · Description of first aid measures
- After inhalation: 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.

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D (		(Contd. of page
	other sections for information on safe handling.	
	for information on personal protection equipment.	
See Section 1	3 for disposal information.	
	tion Criteria for Chemicals	
PAC-1:		
108-88-3		67 ppm
78-93-3	butanone	200 ppm
123-86-4	n-butyl acetate	5 ppm
1330-20-7	xylene	130 ppm
1333-86-4	Carbon black	9 mg/m <sup>3</sup>
111-76-2	2-butoxyethanol	60 ppm
112926-00-8	precipitated Silica (Silica-Amorphous)	18 mg/m
9002-88-4	Polyethylene low density	16 mg/m
67-56-1	methanol	530 ppm
100-41-4	ethylbenzene	33 ppm
PAC-2:		·
108-88-3	toluene	560 ppm
78-93-3	butanone	2700* ppr
123-86-4	n-butyl acetate	200 ppm
1330-20-7	xylene	920* ppm
1333-86-4	Carbon black	99 mg/m <sup>3</sup>
111-76-2	2-butoxyethanol	120 ppm
112926-00-8	precipitated Silica (Silica-Amorphous)	200 mg/m
9002-88-4	Polyethylene low density	170 mg/m
67-56-1	methanol	2,100 ppn
100-41-4	ethylbenzene	1100* ppr
PAC-3:		
108-88-3	toluene	3700* ppm
78-93-3	butanone	4000* ppm
123-86-4	n-butyl acetate	3000* ppm
1330-20-7	xylene	2500* ppm
1333-86-4	Carbon black	590 mg/m <sup>3</sup>
111-76-2	2-butoxyethanol	700 ppm
112926-00-8	precipitated Silica (Silica-Amorphous)	1,200 mg/m
9002-88-4	Polyethylene low density	1,000 mg/m
67-56-1	methanol	7200* ppm
100-41-4	ethylbenzene	1800* ppm

# 7 Handling and storage

· Handling:

\*

• Precautions for safe handling No special measures required.

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- 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.

### 8 Exposure controls/personal protection

• Additional information about design of technical systems: No further data; see item 7.

· Control parameters

108-8	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/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm	
TLV	Long-term value: 75 mg/m³, 20 ppm BEI	
78-9	3-3 butanone	
PEL	Long-term value: 590 mg/m³, 200 ppm	
REL	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm	
TLV	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm BEI	
123-8	86-4 n-butyl acetate	
PEL	Long-term value: 710 mg/m³, 150 ppm	
REL	Long-term value: 950 mg/m <sup>3</sup> , 200 ppm	
TLV	Short-term value: 712 mg/m³, 150 ppm Long-term value: 238 mg/m³, 50 ppm	
1330	-20-7 xylene	
PEL	Long-term value: 435 mg/m³, 100 ppm	
REL	Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm	
TLV	Short-term value: 651 mg/m³, 150 ppm Long-term value: 434 mg/m³, 100 ppm BEI	



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1333-8	86-4 Carbon black	(Contd. of pa
	Long-term value: 3.5 mg/m <sup>3</sup>	
REL I	Long-term value: 3.5* mg/m <sup>3</sup> *0.1 in presence of PAHs;See Pocket Guide Apps.A+C	
TLV I	Long-term value: 3* mg/m <sup>3</sup> *inhalable fraction	
	1-4 ethylbenzene	
	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm	
REL S	Short-term value: 545 mg/m <sup>3</sup> , 125 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm	
TLV I	Long-term value: 87 mg/m³, 20 ppm BEI	
Ingrea	dients with biological limit values:	
108-88	8-3 toluene	
N T	0.02 mg/L Medium: blood Fime: prior to last shift of workweek Parameter: Toluene	
N T	0.03 mg/L Medium: urine Fime: end of shift Parameter: Toluene	
N T F	).3 mg/g creatinine Medium: urine Fime: end of shift Parameter: o-Cresol with hydrolysis (background)	
78-93-	-3 butanone	
1	2 mg/L Medium: urine Fime: end of shift Parameter: MEK	
1330-2	20-7 xylene	
N T	l.5 g/g creatinine Medium: urine Fime: end of shift Parameter: Methylhippuric acids	
100-4	1-4 ethylbenzene	
N T	).7 g/g creatinine Medium: urine Fime: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)	
1	Medium: end-exhaled air Fime: not critical	
P	Parameter: Ethyl benzene (semi-quantitative)	(Contd. on pa

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	(Contd. of page 6)
• Additional information: The lists that	at were valid during the creation were used as basis.
· Exposure controls	
Personal protective equipment:	
General protective and hygienic mea Keep away from foodstuffs, beverage	
Immediately remove all soiled and co	
Wash hands before breaks and at the	
Store protective clothing separately.	
Avoid contact with the skin.	
Avoid contact with the eyes and skin.	
· Breathing equipment:	tion use required on filter device. In case of intervice on longer and and
respiratory protective device that is in	<i>ution use respiratory filter device. In case of intensive or longer exposure use</i> <i>ndependent of circulating air.</i>
• <b>Protection of hands:</b> Due to missing tests no recommenda chemical mixture.	tion to the glove material can be given for the product/ the preparation/ the
	nsideration of the penetration times, rates of diffusion and the degradation
Protective gloves	
• Material of gloves The selection of the suitable gloves d varies from manufacturer to manufa of the glove material can not be calcu	eable and resistant to the product/ the substance/ the preparation. oes not only depend on the material, but also on further marks of quality and cturer. As the product is a preparation of several substances, the resistance ulated in advance and has therefore to be checked prior to the application.
<ul> <li>Penetration time of glove material The exact break trough time has to observed.</li> <li>Eye protection:</li> </ul>	be found out by the manufacturer of the protective gloves and has to be
Tightly sealed goggles	
9 Physical and chemical propert	ties
· · · ·	
<ul> <li>Information on basic physical and c</li> <li>General Information</li> </ul>	hemical properties
· Appearance:	
Form:	Liquid
Color:	According to product specification
• Odor: • Odor threshold:	Characteristic Not determined.
· pH-value:	Not determined.

• Change in conditionMelting point/Melting range:Undetermined.Boiling point/Boiling range:79-80.5 °C

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	(Contd. of page
· Flash point:	-4 °C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	514 °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 Vol %
• Vapor pressure at 20 •C:	29 hPa
· Density at 20 •C:	$0.9238 \ g/cm^3$
· 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/wa	ter): Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	76.2 %
Water:	0.0 %
VOC content:	76.15 %
	703.5 g/l / 5.87 lb/gl
Solids content:	23.5 %
• 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: No dangerous decomposition products known.

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· Acute toxio	-	are relevant for classification:	
108-88-3 t			
Oral	LD50	5,000 mg/kg (rat)	
Dermal	LD50	12,124 mg/kg (rabbit)	
Inhalative	LC50/4 h	5,320 mg/l (mouse)	
• <b>Additional</b> The produc	toxicolog	sitizing effects known. <b>cal information:</b> e following dangers according to internally approved	d calculation methods for preparation:
• Additional The produc Irritant • Carcinoge	toxicologi ct shows th nic catego	cal information: e following dangers according to internally approved ries	d calculation methods for preparation.
• Additional The produc Irritant • Carcinoge • IARC (Inte	toxicologi ct shows th nic catego	<b>cal information:</b> e following dangers according to internally approved	d calculation methods for preparation.
• Additional The produc Irritant • Carcinoge • IARC (Inte	toxicolog ct shows th nic catego ernational d toluene	cal information: e following dangers according to internally approved ries	
Additional The product Irritant     Carcinoge     IARC (Intel 108-88 1330-20-2	toxicolog ct shows th nic catego ernational d toluene	cal information: e following dangers according to internally approved ries Agency for Research on Cancer)	3
<ul> <li>Additional The product Irritant     </li> <li>Carcinoge     </li> <li>IARC (Intel 108-88 1330-20 1333-86</li> </ul>	toxicologict shows the nic catego ernational 3 toluene 7 xylene	cal information: e following dangers according to internally approved ries Agency for Research on Cancer) black	3
<ul> <li>Additional The product Irritant     </li> <li>Carcinoge         IARC (Intel 108-88- 1330-20- 1333-86- 111-76-2     </li> </ul>	toxicology toxico	cal information: e following dangers according to internally approved ries Agency for Research on Cancer) black	3 3 3 2B 3
<ul> <li>Additional The product Irritant</li> <li>Carcinoge IARC (Intel 108-88 1330-20-2 1333-86-2 111-76-2 68855-54-2</li> </ul>	toxicology tet shows the nic catego ernational toluene 7 xylene 4 Carbon 2 2-butoxy 9 diatoma	<b>cal information:</b> e following dangers according to internally approved ries Agency for Research on Cancer) black eethanol	3 3 3 2B 3
<ul> <li>Additional The product Irritant</li> <li>Carcinoge</li> <li>IARC (Intel 108-88 1330-20 1333-86 111-76 68855-54 9002-88</li> </ul>	toxicology tet shows the nic catego ernational toluene 7 xylene 4 Carbon 2 2-butoxy 9 diatoma	<i>cal information:</i> e following dangers according to internally approved ries Agency for Research on Cancer) black bethanol ceous earth clene low density	3 3 2B 3 GROUP
<ul> <li>Additional The product Irritant</li> <li>Carcinoge IARC (Intel 108-88 1330-20 1333-86 111-76 68855-54 9002-88 100-41</li> </ul>	toxicology ct shows the nic catego ernational ioluene xylene icarbon 2 2-butoxy diatoma 4 Polyethy 4 ethylben	<i>cal information:</i> e following dangers according to internally approved ries Agency for Research on Cancer) black bethanol ceous earth clene low density	3 3 2B 3 GROUP 3

## **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 2 (Self-assessment): hazardous for water
- Do not allow product to reach ground water, water course or sewage system.
- Danger to drinking water if even 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.

# **13 Disposal considerations**

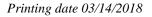
· Waste treatment methods

· 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	UN1263
· UN proper shipping name · DOT · ADR	Paint 1263 Paint, special provision 640D
· IMDG, IATA	PAINT
· Transport hazard class(es)	
·DOT	
R AMART F COR	
Class	3 Flammable liquids
· Label	3
· Class	3 Flammable liquids
· Label	3
· Packing group · DOT, ADR, IMDG, IATA	II
· Environmental hazards:	
• Marine pollutant:	No
	Warning: Flammable liquids
<ul> <li>Special precautions for user</li> </ul>	F- $E$ , $S$ - $E$
· EMS Number:	
<ul> <li>Special precautions for user</li> <li>EMS Number:</li> <li>Stowage Category</li> </ul>	B



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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 $(\widetilde{E}Q)$	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**

 $\cdot$  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): 108-88-3 toluene Acrylic Resin 78-93-3 butanone 1330-20-7 xylene 111-76-2 2-butoxyethanol 67-56-1 methanol 100-41-4 ethylbenzene · TSCA (Toxic Substances Control Act): 108-88-3 toluene 78-93-3 butanone 123-86-4 n-butyl acetate 16883-83-3 benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate 1330-20-7 xylene 1333-86-4 Carbon black 68611-44-9 Modified Silica 111-76-2 2-butoxyethanol 68855-54-9 diatomaceous earth 9002-88-4 Polyethylene low density 67-56-1 methanol 100-41-4 ethylbenzene (Contd. on page 12) USA



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7722.10.5	(Contd. of page 1
7732-18-5 water	
· Proposition 65	
· Chemicals known to cause cancer:	
1330-20-7 xylene	
1333-86-4 Carbon black	
68855-54-9 diatomaceous earth	
100-41-4 ethylbenzene	
· 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.	
· Chemicals known to cause developmental toxicity:	
108-88-3 toluene	
67-56-1 methanol	
· Cancerogenity categories	
· EPA (Environmental Protection Agency)	
108-88-3 toluene	II
78-93-3 butanone	Ι
1330-20-7 xylene	Ι
111-76-2 2-butoxyethanol	NI
100-41-4 ethylbenzene	D
· TLV (Threshold Limit Value established by ACGIH)	
108-88-3 toluene	A
1330-20-7 xylene	A
1333-86-4 Carbon black	A
111-76-2 2-butoxyethanol	A.
100-41-4 ethylbenzene	A.
· NIOSH-Ca (National Institute for Occupational Safety and Health)	· · · · · ·
1333-86-4 Carbon black	
67-56-1 methanol	

• *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: toluene butanone n-butyl acetate

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	(Contd. of page 12)
· Hazard statemen	
H225 Highly flan	nmable liquid and vapor.
H315 Causes skir	n irritation.
H351 Suspected of	of causing cancer.
H361 Suspected of	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 sta	atements
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.
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.
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.
P303+P361+P35	53 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/
	shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a poison center/doctor if you feel unwell.
P321	Specific treatment (see on this label).
P314	Get medical advice/attention if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
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 / 9
- 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

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#### Trade name: 39141 39144 Trim Black

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. Liq. 2: Flammable liquids – Category 2
Skin Irrit. 2: Skin corrosion/irritation – Category 2
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.

USA