



Reviewed on 01/08/2016

1 Identification

- · Product identifier
- Trade name: M25(xx)3 Series Marine Vinyl Coat
- · Article number:

M25003, M25013, M25023, M25033, M25043, M25053, M25063, M25073, M25083, M25093, M25103, M25113, M25123, M25133, M25143, M25153, M25163, M25173, M25183, M25193, M25203, M25213, M25223, M25233, M25243

- · 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.
Asp. Tox. 1	H304 May be fatal if swallowed and enters airways.

HS07

T al al al anno ante	
STOT SE 3	H336 May cause drowsiness or dizziness.
Eye Irrit. 2A	H319 Causes serious eye irritation.
Skin Irrit. 2	H315 Causes skin irritation.

· Label elements

• GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). (Contd. on page 2)

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· Hazard pictograms	(Contd. of page 1)
$ \land \land$	
GHS02 GHS04 GHS07 GHS08	
• Signal word Danger	
• Hazard-determining components of labeling:	
toluene	
acetone	
4-methylpentan-2-one	
butanone	
· Hazard statements	
H222 Extremely flammable aerosol.	
H280 Contains gas under pressure; may explo	ode if heated.
H315 Causes skin irritation.	
H319 Causes serious eye irritation.	
H351 Suspected of causing cancer.	
H361 Suspected of damaging fertility or the un	ıborn child.
H336 May cause drowsiness or dizziness.	
H373 May cause damage to organs through p	rolonged or repeated exposure.
H304 May be fatal if swallowed and enters air	ways.
· Precautionary statements	
P210 Keep away from heat/spar	ks/open flames/hot surfaces. No smoking.
P251 Do not pierce or burn, eve	n after use.
P260 Do not breathe dust/fume/	gas/mist/vapors/spray.
P211 Do not spray on an open f	lame or other ignition source.
P280 Wear protective gloves.	
P280 Wear eye protection / face	protection.
P264 Wash thoroughly after har	ndling.
P271 Use only outdoors or in a	well-ventilated area.
P201 Obtain special instruction	s before use.
P202 Do not handle until all saf	ety precautions have been read and understood.
	iately call a POISON CENTER/ doctor.
P305+P351+P338 If in eyes: Rinse cautious	y with water for several minutes. Remove contact lenses, if present
and easy to do. Continue r	insing.
P321 Specific treatment (see on	this label).
P304+P340 IF INHALED: Remove per	rson to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER/	doctor if you feel unwell.
<i>P308+P313</i> IF exposed or concerned:	Get medical advice/attention.
P332+P313 If skin irritation occurs: G	et medical advice/attention.
	et medical advice/attention.
P314 Get medical advice/attenti	
<i>P331 Do NOT induce vomiting.</i>	
P302+P352 IF ON SKIN: Wash with p	lenty of water.
P362+P364 Take off contaminated close	thing and wash it before reuse.
P405 Store locked up.	
P410+P403 Protect from sunlight. Stor	e in a well-ventilated place.
	not expose to temperatures exceeding 50°C/122°F.
P403+P233 Store in a well-ventilated p	place. Keep container tightly closed.
	(Contd. on page 3)



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(Contd. of page 2) Dispose of contents/container in accordance with local/regional/national/international regulations.

· Classification system:

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• NFPA ratings (scale 0 - 4) Health = 1

3 Fire = 4*Reactivity* = 3

· HMIS-ratings (scale 0 - 4)

HEALTH*1Health = *1FIRE4Fire = 4REACTIVITY3Reactivity = 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

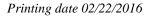
· Dangerous	components:	
67-64-1	acetone	30 - 40%
68476-86-8	Petroleum gases, liquefied, sweetened	13 - 30%
108-88-3	toluene	10 -13%
110-19-0	isobutyl acetate	1.5 - 5%
108-10-1	4-methylpentan-2-one	1.5 - 5%
78-93-3	butanone	1.5 - 5%
763-69-9	ethyl 3-ethoxypropionate	1.5 - 5%
108-65-6	2-methoxy-1-methylethyl acetate	1-1.5%
2807-30-9	2-(propyloxy)ethanol	1-1.5%
13463-67-7	titanium dioxide	<u>≤1%</u>
1333-86-4	Carbon black	<u>≤1%</u>

4 First-aid measures

· Description of first aid measures

- · General information: Immediately remove any clothing soiled by the product.
- 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. If symptoms persist, consult a doctor.
- After swallowing: If symptoms persist consult doctor.

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- · Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- \cdot 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
- During heating or in case of fire poisonous gases are produced.
- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

- *Personal precautions, protective equipment and emergency procedures Mount respiratory protective device. 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** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7 Handling and storage

· Handling:

- · Precautions for safe handling
- No special measures required. Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.
- 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. Keep respiratory protective device available. 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.

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• *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.

REL La TLV SH La BI 108-88-3 PEL La Ca Ca TLV La BI 10-19-0 PEL La REL La TLV SH La TLV SH La TLV SH La REL SH	ong-term value: 2400 mg/m ³ , 1000 ppm ong-term value: 590 mg/m ³ , 250 ppm ong-term value: 1187 mg/m ³ , 500 ppm ong-term value: 594 mg/m ³ , 250 ppm EI toluene ong-term value: 200 ppm eiling limit value: 300; 500* ppm '0-min peak per 8-hr shift oort-term value: 560 mg/m ³ , 150 ppm ong-term value: 375 mg/m ³ , 100 ppm ong-term value: 75 mg/m ³ , 20 ppm
REL La TLV SH La BI 108-88-3 PEL La Ca E C C C C C C C C C C C C C C C C C	ong-term value: 590 mg/m ³ , 250 ppm nort-term value: 1187 mg/m ³ , 500 ppm ong-term value: 594 mg/m ³ , 250 ppm EI toluene ong-term value: 200 ppm eiling limit value: 300; 500* ppm 10-min peak per 8-hr shift nort-term value: 560 mg/m ³ , 150 ppm ong-term value: 375 mg/m ³ , 100 ppm ong-term value: 75 mg/m ³ , 20 ppm EI isobutyl acetate ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm
TLV SH La BI 108-88-3 PEL La REL SH TLV La TLV La BI 110-19-0 PEL La TLV La REL La TLV La BI La 108-10-1 La PEL La REL SH La La REL La REL SH REL SH	hort-term value: 1187 mg/m ³ , 500 ppm ong-term value: 594 mg/m ³ , 250 ppm EI toluene ong-term value: 200 ppm eiling limit value: 300; 500* ppm 10-min peak per 8-hr shift nort-term value: 560 mg/m ³ , 150 ppm ong-term value: 375 mg/m ³ , 100 ppm EI isobutyl acetate ong-term value: 75 mg/m ³ , 20 ppm EI isobutyl acetate ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm out-term value: NIC-712 mg/m ³ , NIC-150 ppm
La BI PEL La Ca Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci	errm value: 594 mg/m³, 250 ppm EI toluene ong-term value: 200 ppm eiling limit value: 300; 500* ppm !0-min peak per 8-hr shift nort-term value: 560 mg/m³, 150 ppm ong-term value: 375 mg/m³, 100 ppm ong-term value: 75 mg/m³, 20 ppm EI isobutyl acetate ong-term value: 700 mg/m³, 150 ppm ong-term value: 700 mg/m³, 150 ppm nort-term value: NIC-712 mg/m³, NIC-150 ppm
BI 108-88-3 PEL La Ca *1 REL SH La TLV La BI 110-19-0 PEL La REL La REL La REL SH	EI toluene ong-term value: 200 ppm eiling limit value: 300; 500* ppm 10-min peak per 8-hr shift nort-term value: 560 mg/m³, 150 ppm ong-term value: 75 mg/m³, 20 ppm EI isobutyl acetate ong-term value: 700 mg/m³, 150 ppm ong-term value: 700 mg/m³, 150 ppm nort-term value: NIC-712 mg/m³, NIC-150 ppm
PEL La REL SH La TLV La BI 110-19-0 PEL La REL La TLV SH La 108-10-1 PEL La REL SH	ong-term value: 200 ppm eiling limit value: 300; 500* ppm 10-min peak per 8-hr shift nort-term value: 560 mg/m ³ , 150 ppm ong-term value: 375 mg/m ³ , 100 ppm ong-term value: 75 mg/m ³ , 20 ppm EI isobutyl acetate ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm nort-term value: NIC-712 mg/m ³ , NIC-150 ppm
Canal	eiling limit value: 300; 500* ppm 10-min peak per 8-hr shift nort-term value: 560 mg/m ³ , 150 ppm ong-term value: 375 mg/m ³ , 100 ppm ong-term value: 75 mg/m ³ , 20 ppm EI isobutyl acetate ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm nort-term value: NIC-712 mg/m ³ , NIC-150 ppm
*1 REL Sh La TLV La Bl 110-19-0 PEL La REL Sh REL Sh	10-min peak per 8-hr shift nort-term value: 560 mg/m ³ , 150 ppm ong-term value: 375 mg/m ³ , 100 ppm ong-term value: 75 mg/m ³ , 20 ppm EI isobutyl acetate ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm nort-term value: NIC-712 mg/m ³ , NIC-150 ppm
REL SH La TLV La BH 110-19-0 PEL La REL SH REL SH	nort-term value: 560 mg/m ³ , 150 ppm ong-term value: 375 mg/m ³ , 100 ppm ong-term value: 75 mg/m ³ , 20 ppm EI isobutyl acetate ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm nort-term value: NIC-712 mg/m ³ , NIC-150 ppm
TLV La BI 110-19-0 PEL La REL La TLV Sh La 108-10-1 PEL La REL Sh	ong-term value: 375 mg/m ³ , 100 ppm ong-term value: 75 mg/m ³ , 20 ppm EI isobutyl acetate ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm nort-term value: NIC-712 mg/m ³ , NIC-150 ppm
TLV La BI 110-19-0 PEL La TLV SH La 108-10-1 PEL La REL SH	ong-term value: 75 mg/m ³ , 20 ppm EI isobutyl acetate ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm nort-term value: NIC-712 mg/m ³ , NIC-150 ppm
BI 110-19-0 PEL La REL La TLV SH La 108-10-1 PEL La REL SH	EI isobutyl acetate ong-term value: 700 mg/m ³ , 150 ppm ong-term value: 700 mg/m ³ , 150 ppm ort-term value: NIC-712 mg/m ³ , NIC-150 ppm
110-19-0PELLaRELLaTLVShLa108-10-1PELLaRELSh	isobutyl acetate ong-term value: 700 mg/m³, 150 ppm ong-term value: 700 mg/m³, 150 ppm oort-term value: NIC-712 mg/m³, NIC-150 ppm
PEL La REL La TLV SH La 108-10-1 PEL La REL SH	ong-term value: 700 mg/m³, 150 ppm ong-term value: 700 mg/m³, 150 ppm nort-term value: NIC-712 mg/m³, NIC-150 ppm
REL La TLV SH La 108-10-1 PEL La REL SH	ong-term value: 700 mg/m³, 150 ppm aort-term value: NIC-712 mg/m³, NIC-150 ppm
TLV SH La 108-10-1 PEL La REL SH	nort-term value: NIC-712 mg/m ³ , NIC-150 ppm
La 108-10-1 PEL La REL Sh	
108-10-1 PEL La REL Sh	ong-term value: (713) NIC-238 mg/m³, (150) NIC-50 ppm
PEL La REL Sh	
REL Sh	4-methylpentan-2-one
	ong-term value: 410 mg/m³, 100 ppm
	nort-term value: 300 mg/m³, 75 ppm
	ong-term value: 205 mg/m³, 50 ppm
	nort-term value: 307 mg/m³, 75 ppm
	ong-term value: 82 mg/m³, 20 ppm
78-93-3 b	
	ong-term value: 590 mg/m³, 200 ppm
	nort-term value: 885 mg/m ³ , 300 ppm
	ong-term value: 590 mg/m³, 200 ppm
	nort-term value: 885 mg/m ³ , 300 ppm
	ong-term value: 590 mg/m³, 200 ppm EI
	2-methoxy-1-methylethyl acetate ong-term value: 50 ppm

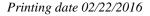


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67-56-1	methanol	(Contd. of pag
	Long-term value: 260 mg/m ³ , 200 ppm	
KEL	Short-term value: 325 mg/m³, 250 ppm Long-term value: 260 mg/m³, 200 ppm	
	Skin	
	Short-term value: 328 mg/m³, 250 ppm	
	Long-term value: 262 mg/m ³ , 200 ppm	
	Skin; BEI	
Ingredi	ents with biological limit values:	
67-64-1	acetone	
BEI 50	mg/L	
M	edium: urine	
	ne: end of shift	
Pa	rameter: Acetone (nonspecific)	
108-88	3 toluene	
	02 mg/L	
	edium: blood	
	ne: prior to last shift of workweek	
Pa	urameter: Toluene	
0.0	03 mg/L	
	edium: urine	
Ti	ne: end of shift	
Ра	arameter: Toluene	
0	3 mg/g creatinine	
	edium: urine	
Ti	me: end of shift	
Pa	trameter: o-Cresol with hydrolysis (background)	
108-10-	1 4-methylpentan-2-one	
BEI 11		
	edium: urine	
	ne: end of shift	
	urameter: MIBK	
	butanone	
BEI 21		
	edium: urine	
	me: end of shift trameter: MEK	
	methanol	
BEI 15 M	mg/L edium: urine	
	ne: end of shift	
	rameter: Methanol (background, nonspecific)	
	<i>nal information:</i> The lists that were valid during the creation were used as basis.	
U	we ago mation the uses have here take all ing the creation were used as busis.	(Contd. on pag





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- · 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. Store protective clothing separately. 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. • *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

Information on basic physical and General Information	chemical properties	
Appearance:		
Form:	Aerosol	
Color:	According to product specification	
Odor:	Characteristic	
Odor threshold:	Not determined.	
pH-value:	Not determined.	
Change in condition		
Melting point/Melting range:	Undetermined.	
Boiling point/Boiling range:	55 °C	



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rude nume. 19125(xx)5 Series Marine Vi	,,, , , , , , , , , , , , , , , , , ,	
	(Contd. of page 7))
· Flash point:	-103 °C]
· Flammability (solid, gaseous):	Not applicable.	1
· Ignition temperature:	465 °C	1
· Decomposition temperature:	Not determined.	1
· Auto igniting:	Product is not selfigniting.	1
· Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.	1
· Explosion limits: Lower: Upper:	1.2 Vol % 13.0 Vol %	
· Vapor pressure at 20 •C:	233 hPa]
Density at 20 °C: Relative density Vapor density Evaporation rate	0.75078 g/cm ³ Not determined. Not determined. Not applicable.	
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.	
Partition coefficient (n-octanol/water): Not determined.	
· Viscosity: Dynamic: Kinematic:	Not determined. Not determined.	
· Solvent content: Organic solvents: VOC content:	90.1 % 54.8 % 618.9 g/l / 5.16 lb/gl	

Solids content: • Other information

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.

No further relevant information available.

· 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 toxicity: LD/LC50 values that are relevant for classification:				
108-88-3 toluene				
Oral	LD50	5000 mg/kg (rat)		
Dermal	LD50	12124 mg/kg (rabbit)		
Inhalative	LC50/4 h	5320 mg/l (mouse)		
		sitizing effects known. ical information:		
The produc Irritant • Carcinoge	ct shows th	i cal information: he following dangers according to internally approved ca ries	alculation methods for preparation	
The produc Irritant • Carcinoge • IARC (Inte	ct shows th nic catego ernational	ical information: e following dangers according to internally approved co		
The product Irritant • Carcinoge • IARC (Intel 108-88	ct shows th nic catego ernational 3 toluene	ical information: e following dangers according to internally approved co ries Agency for Research on Cancer)	3	
The product Irritant • Carcinoge • IARC (Intel 108-88 108-10	ct shows th nic catego ernational 3 toluene 1 4-methy.	ical information: e following dangers according to internally approved co ries Agency for Research on Cancer) Ipentan-2-one	3	
The product Irritant • Carcinoge • IARC (Intel 108-88 108-10 13463-67	ct shows th nic catego ernational 3 toluene 1 4-methy 7 titanium	ical information: e following dangers according to internally approved co ries Agency for Research on Cancer) Ipentan-2-one dioxide	3 2 2	
The product Irritant • Carcinoge • IARC (Intel 108-88- 108-10- 13463-67- 1333-86-	ct shows th nic catego ernational 3 toluene 1 4-methy 7 titanium 4 Carbon	ical information: e following dangers according to internally approved co ries Agency for Research on Cancer) Ipentan-2-one dioxide black	3 2 2 2 2	
The product Irritant • Carcinoge • IARC (Intel 108-88 108-10 13463-67 1333-86 7631-86	ct shows th nic catego ernational 3 toluene 1 4-methy 7 titanium 4 Carbon 9 silicon a	ical information: e following dangers according to internally approved co ries Agency for Research on Cancer) Ipentan-2-one dioxide	3 2 2	
The product Irritant • Carcinoge • IARC (Intel 108-88 108-10- 13463-67- 1333-86-4 7631-86-9 1330-20-	ct shows th nic catego ernational 3 toluene 1 4-methy 7 titanium 4 Carbon 9 silicon a	ical information: e following dangers according to internally approved co ries Agency for Research on Cancer) Ipentan-2-one dioxide black lioxide, chemically prepared	3 2 2 2 3	
The product Irritant • Carcinoge • IARC (Intel 108-88 108-10 13463-67 1333-86 7631-86 1330-20 100-41	ct shows th nic catego ernational 3 toluene 1 4-methy 7 titanium 4 Carbon 9 silicon a 7 xylene 4 ethylben	ical information: e following dangers according to internally approved co ries Agency for Research on Cancer) Ipentan-2-one dioxide black lioxide, chemically prepared	3 2 2 2 3 3 3 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	UN1950
· UN proper shipping name · DOT, IATA · ADR · IMDG	Aerosols, flammable 1950 Aerosols AEROSOLS
• Transport hazard class(es)	
·DOT	
P. ALMANE P DIS	
· Class	2.1
· Label	2.1
· Class	2 5F Gases
· Label	2.1
· IMDG, IATA	
· Class	2.1
· Label	2.1
· Packing group · DOT, ADR, IMDG, IATA	Void
· Environmental hazards:	

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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 livin 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. Fo
	WASTE AEROSOLS: Segregation as for the appropriate subdivision
	of class 2.
Transport in bulk according to Annex	II of
Transport in bulk according to Annex MARPOL73/78 and the IBC Code	II of Not applicable.
Transport in bulk according to Annex MARPOL73/78 and the IBC Code Transport/Additional information:	
MARPOL73/78 and the IBC Code	
MARPOL73/78 and the IBC Code Transport/Additional information:	Not applicable. On passenger aircraft/rail: 75 kg
MARPOL73/78 and the IBC Code Transport/Additional information: DOT	Not applicable.
MARPOL73/78 and the IBC Code Transport/Additional information: DOT	Not applicable. On passenger aircraft/rail: 75 kg
MARPOL73/78 and the IBC Code Transport/Additional information: DOT Quantity limitations ADR	Not applicable. On passenger aircraft/rail: 75 kg
MARPOL73/78 and the IBC Code Transport/Additional information: DOT Quantity limitations ADR	Not applicable. On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
MARPOL73/78 and the IBC Code Transport/Additional information: DOT Quantity limitations	Not applicable. On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg Code: E0
MARPOL73/78 and the IBC Code Transport/Additional information: DOT Quantity limitations ADR Excepted quantities (EQ)	Not applicable. On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg Code: E0
MARPOL73/78 and the IBC Code Transport/Additional information: DOT Quantity limitations ADR Excepted quantities (EQ) IMDG	Not applicable. On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg Code: E0 Not permitted as Excepted Quantity
MARPOL73/78 and the IBC Code Transport/Additional information: DOT Quantity limitations ADR Excepted quantities (EQ) IMDG Limited quantities (LQ)	Not applicable. On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg Code: E0 Not permitted as Excepted Quantity 1L

15 Regulatory information

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

· Section 35.	· Section 355 (extremely hazardous substances):			
None of the	None of the ingredient is listed.			
· Section 31	· Section 313 (Specific toxic chemical listings):			
108-88-3	toluene			
	ACRYLIC RESIN			
108-10-1	4-methylpentan-2-one			
78-93-3	butanone			
67-56-1	methanol			
1330-20-7	xylene			
100-41-4	ethylbenzene			
· TSCA (Tox	• TSCA (Toxic Substances Control Act):			
67-64	l acetone			
	(Contd. on page 12)			



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(0.17(.0(.)		(Contd. of page 1
	Petroleum gases, liquefied, sweetened	
	toluene	
	isobutyl acetate	
	4-methylpentan-2-one	
	butanone	
	ethyl 3-ethoxypropionate	
	2-methoxy-1-methylethyl acetate	
	 2-(propyloxy)ethanol 7 titanium dioxide 	
	Carbon black	
	YELLOW IRON OXIDE	
	methanol	
	2 Iron oxide	
	<i>silicon dioxide, chemically prepared</i>	
· Proposition		
	known to cause cancer:	
	4-methylpentan-2-one	
	7 titanium dioxide 4 Carbon black	
1330-20-7		
	t ethylbenzene	
	known to cause reproductive toxicity for females:	
108-88-3 t		
	known to cause reproductive toxicity for males:	
None of the	e ingredients is listed.	
· Chemicals	known to cause developmental toxicity:	
108-88-3 t	oluene	
108-10-1 4	1-methylpentan-2-one	
67-56-1 n	nethanol	
· Canceroge	nity categories	
· EPA (Envi	ronmental Protection Agency)	
67-64-1	acetone	Ι
108-88-3	toluene	1
108-10-1	4-methylpentan-2-one	1
78-93-3	butanone	1
1330-20-7	xylene	Ι
100-41-4	ethylbenzene	I
· TLV (Thre	shold Limit Value established by ACGIH)	
· ·	acetone	A
•		· · · · · · · · · · · · · · · · · · ·
67-64-1	3 toluene	A
67-64-1 108-88-3		A4 A4



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	(Contd. of page	e 12)
1333-86-4	Carbon black	A4
1330-20-7	xylene	A4
100-41-4	ethylbenzene .	A3
· NIOSH-Ca (National Institute for Occupational Safety and Health)		
13463-67-7	titanium dioxide	
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 acetone 4-methylpentan-2-one butanone · Hazard statements H222 Extremely flammable aerosol. H280 Contains gas under pressure; may explode if heated. H315 Causes skin irritation. 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. H304 May be fatal if swallowed and enters airways. · Precautionary statements Keep away from heat/sparks/open flames/hot surfaces. No smoking. P210 P251 Do not pierce or burn, even after use. P260 Do not breathe dust/fume/gas/mist/vapors/spray. P211 Do not spray on an open flame or other ignition source. P280 Wear protective gloves. P280 Wear eye protection / face protection. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 Specific treatment (see on this label). P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. IF exposed or concerned: Get medical advice/attention. *P308+P313* P332+P313 If skin irritation occurs: Get medical advice/attention.

(Contd. on page 14)





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(Contd. of maga 12)

Trade name: M25(xx)3 Series Marine Vinyl Coat

	(Contd. of page 13)	
P337+P313	If eye irritation persists: Get medical advice/attention.	
P314	Get medical advice/attention if you feel unwell.	
P331	Do NOT induce vomiting.	
P302+P352	IF ON SKIN: Wash with plenty of water.	
P362+P364	Take off contaminated clothing and wash it before reuse.	
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.	
P403+P233	Store in a well-ventilated place. Keep container tightly closed.	
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: Steve Gaver (sgaver@semproducts.com)
- · Date of preparation / last revision 02/22/2016 / 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: Flammable aerosols, Hazard Category 1 Press. Gas: Gases under pressure: Compressed gas Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A Carc. 2: Carcinogenicity, Hazard Category 2 Repr. 2: Reproductive toxicity, Hazard Category 2 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2 Asp. Tox. 1: Aspiration hazard, Hazard Category 1 • * Data compared to the previous version altered.

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