

#### Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 06/27/2014 Revision date: 12/19/2016 Version: 3.0

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. **Product identifier**

Product name : Fleet Elite Product form : liquid Other means of identification : 8800 series

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

: Antifouling

#### Details of the supplier of the safety data sheet 1.3.

New Nautical Coatings, Inc. Sea Hawk Premium Yacht Finishes 14805 49th Street North Clearwater, FL 33762 USA Only: 1-800-528-0997 International: (727) 523-8053

#### 1.4. **Emergency telephone numbers**

Emergency number

- : CHEMTREC day or night inside USA & Canada 1-800-424-9300
- CHEMTREC day or night outside USA & Canada +1-703-741-5970
- : Poison Control Center
- 1-800-222-1222

### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

#### **Classification (GHS-US)**

Flam. Liq. 3	H226
Acute Tox. 4	H302
Asp. Tox. 1	H304
Eye Dam.1	H318
Aquatic Chronic 1	H410
Aquatic Acute 1	H400
Skin Sens. 1	H317
Carc. 1A	H350
Muta. 1B	H340

Contains 10.94% ingredients of unknown oral toxicity.

#### 2.2. Label elements

#### **GHS-US** labeling

Hazard pictograms (GHS-US)



Signal word (GHS-US)	Danger
Hazard statements (GHS-US)	: H226 - Fammable liquid and vapor
	H302 - Harmful if swallowed
	H304- May be fatal if swallowed and enters airways H317- May cause an allergic skin reaction
	H318- Causes serious eye damage
	H340- May cause genetic defects
	H350- May cause cancer
	H400- Very toxic to aquatic life H410- Very toxic to aquatic life with long lasting effects

: P201 – Obtain special instructions before use.

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P202 - Do not handle until all safety percautions have been read and understood
P210 - Keep away from heat, hot surfaces, open flames, sparks No smoking
P233 – Keep container tightly closed
P240 - Ground and bond container and receiving equipment.
P241 – Use explosion proof equipment.
P242 – Use non-sparking tools.
P243 – Take action to prevent static discharge.
P261 - Avoid breathing dust/fume/mist/vapors/spray
P264 – Wash face, hands and forearms thoroughly after handling
P270 – Do not eat, drink, or smoke when using this product
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the envirment
P280 - Wear eye protection, protective clothing, protective gloves, face protection
P301P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P302+P352 - IF ON SKIN: wash with plenty of soap and water
P303+P353+P361+P364- IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water.
P305+P351+P338- IF IN EYE: Rinse continuously with water for several minutes. Remove contact lense if present and easy to do- continue rinsing
P308+P313 - If exposed or concerned: Get medical advice/attention
P310 – Immediately call a POISON CENTER or doctor if in eyes.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell
P321 - Specific treatment (see first aid instructions on this label)
P330 - Rinse mouth.
P331 – Do NOT induce vomiting
P332+P313 – If eye irritation persist: Get medical advice/attentionP333+P313- If skin irritation or a rash occurs:Get medical advice/attentionP362+P364- Take off contaminated clothing and wash before use
P370+P378 – In case of fire: Use carbon dioxide, dry powder, alcohol-resistant foam or water spray to extinguish.
P391- Collect spillage
P403- Store in a well ventilated place

P403- Store in a well ventilated place.

P405- Store locked up

P501 - Dispose of contents/container to licensed waste handling facility

#### 2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

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

3.1. Substance

: Multi-constituent

Name	Product identifier	%
Solvent naphtha(petroleum), light aromatic	(CAS No) 64742-95-6	10-25
Ethylbenzene	(CAS No) 100-41-4	0.01 - 1
Cupric oxide	(CAS No) 1317-38-0	3-10
Zinc oxide	(CAS No) 1314-13-2	1-10
Cuprous oxide	(CAS No) 1317-39-1	30-50
Chlorothalonil	(CAS No) 1897-45-6	4-10
Cumene	(CAS No) 98-82-8	0.1-1
Pseudocumene	(CAS No) 95-63-6	5-10
Xylene	(CAS No) 1330-20-7	0.1-1
Rosin x50	(CAS No) 8050-09-7	5-10
Toluene	(CAS No) 108-88-3	Trace
Benzene	(CAS No) 71-43-2	Trace
Amorphous Silica	(CAS No) 7631-86-9	0.1-1
C18-28 Long Chain Chlorinated Paraffins	(CAS No) 63449-39-8	0.1-1
Talc	(CAS No) 14807-96-6	5-10
Crystalline silica (quartz)	(CAS No) 14808-60-7	0.1-1

Full text of H-phases: see section 16

3.2. Mixture

Not applicable

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.
First-aid measures after skin contact	: IF ON SKIN: Immediately rinse with plenty of water (for at least 15 minutes). Get immediate medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Get medical advice/attention.
First-aid measures after ingestion	: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effe	cts, both acute and delayed
Symptoms/injuries after inhalation	: May be fatal if swallowed and enters airways.
Symptoms/injuries after skin contact	: May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: Causes serious eye damage.
Symptoms/injuries after ingestion	: Harmful if swallowed.
Chronic symptoms	: May cause genetic defects. May cause cancer.

### 4.3. Indication of any immediate medical attention and special treatment needed

Obtain medical assistance.

**SECTION 6: Accidental release measures** 

SECTION 5: Firefighting measu	res
5.1. Extinguishing media	
Suitable extinguishing media	: Carbon dioxide. Dry powder. Alcohol-resistant foam. Water spray.
5.2. Special hazards arising from the	ne substance or mixture
Fire hazard	: Flammable liquid and vapor. May produce carbon oxides under fire conditions.
Explosion hazard	: Product is not explosive.
Reactivity	: No dangerous reactions known under normal conditions of use.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Wear self- contained breathing apparatus and protective suit (see item 8).

6.1.	Personal precautions, protective	e equipment and emergency procedures
Genera	al measures	: Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).
6.1.1.	For non-emergency personnel	
Protec	ctive equipment	: Wear protective equipment as described in Section 8.
Emerg	gency procedures	: Evacuate unnecessary personnel.
6.1.2.	For emergency responders	
Protec	tive equipment	: Wear suitable protective clothing, gloves and eye or face protection. Wear approved supplied-air respirator, in case of emergency.
6.2.	<b>Environmental precautions</b>	
Prever	nt entry to sewers and public waters. A	void release to the environment.
6.3.	Methods and material for conta	inment and cleaning up
For co	ontainment	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Metho	ds for cleaning up	: Exclude sources of ignition and ventilate the area. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Waste from this product may be hazardous as defined under RCRA (40

CFR 261).

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#### 6.4. Reference to other sections

No additional information available

SECTION 7: Handling and sto	rage
7.1. Precautions for safe handling	
Precautions for safe handling	Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe mists. Keep away from sources of ignition - No smoking. Use appropriate personal protection equipment (PPE).
7.2. Conditions for safe storage, i	ncluding any incompatibilities
Storage conditions	<ul> <li>Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container closed when not in use.</li> </ul>
Storage temperature	: <38 °C (100°F)

#### 7.3. Specific end use(s)

No additional information available

### **SECTION 8: Exposure controls/personal protection**

8.1. Control parameters

Copper(I) oxide (1317-39-1)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Copper oxide (CuO) (1317-38-0)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Solvent naphtha, petroleum, light aromatic (64742-95-6)	·
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Cumene (98-82-8)	
ACGIH TWA (ppm)	50 ppm
OSHA PEL (TWA) (mg/m³)	245 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	50 ppm
Benzene, 1,2,4-trimethyl- (95-63-6)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Xylenes (o-, m-, p- isomers) (1330-20-7)	•
ACGIH TWA (ppm)	100 ppm
ACGIH STEL (ppm)	150 ppm
OSHA PEL (TWA) (mg/m³)	435 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	100 ppm
OSHA PEL (STEL) (mg/m <sup>3</sup> )	655 mg/m <sup>3</sup>
OSHA PEL (STEL) (ppm)	150 ppm
Ethylbenzene (100-41-4)	·
ACGIH TWA (ppm)	20 ppm
Remark (ACGIH)	upper respiratory tract irritation; kidney damage (nephropathy); cochlear impairment
OSHA PEL (TWA) (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	100 ppm
OSHA PEL (STEL) (mg/m <sup>3</sup> )	545 mg/m <sup>3</sup>
OSHA PEL (STEL) (ppm)	125 ppm
Rosin (8050-09-7)	·
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Toluene (108-88-3)	
ACGIH TWA (ppm)	20 ppm
Remark (ACGIH)	Visual impair; female repro;

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Benzene (71-43-2)	
ACGIH TWA (ppm)	0.5 ppm
ACGIH STEL (ppm)	2.5 ppm
OSHA PEL (TWA) (ppm)	1 ppm
OSHA PEL (STEL) (ppm)	5 ppm (see 29 CFR 1910.1028)
OSHA PEL (Ceiling) (ppm)	25 ppm
Silica, amorphous (7631-86-9)	÷
Remark (ACGIH)	OELs not established
OSHA PEL (TWA) (ppm)	20 mppcf (80)/(% SiO2) mg/m3
Chlorinated paraffin waxes and hydrocarbon waxes (63	449-39-8)
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Silica: Crystalline, quartz (14808-60-7)	
ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup> (respirable fraction)
OSHA PEL (TWA) (mg/m <sup>3</sup> )	(10)/(%SiO2 + 2) total dust; (10)/(%SiO2 + 2) respirable fraction
OSHA PEL (TWA) (ppm)	(250)/(%SiO2 + 5) respirable fraction
Talc (14807-96-6)	÷
ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction
OSHA PEL (TWA) (ppm)	20 mppcf if 1% Quartz or more, use Quartz limit
Zinc oxide (1314-13-2)	
ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (respirable fraction)
ACGIH STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (respirable fraction)
Remark (ACGIH)	Metal fume fever
OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (respirable fraction)
OSHA PEL (STEL) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (fume)
Zeolite (1318-02-1)	÷
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Chlorothalonil (1897-45-6)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established

# 8.2. Exposure controls Appropriate engineering controls

Personal protective equipment

: Ensure adequate ventilation, especially in confined areas. Handle with good industrial hygiene and safety.

: Face shield. Respiratory protection of the dependent type. Gloves. Protective goggles. Protective clothing.



Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves<br/>should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Natural<br/>rubber ("latex"), Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or<br/>vinyl.Eye protection: Eye protection, including both chemical splash goggles and face shield, must be worn when possibility<br/>exists for eye contact due to spraying liquid or airborne particles.Skin and body protection: Wear long sleeves.Handle with glovesRespiratory protection: An approved organic vapor respirator/supplied air or self-contained breathing apparatus must be used

: An approved organic vapor respirator/supplied air or self-contained breathing apparatus must be used when vapor concentration exceeds applicable exposure limits.

#### **SECTION 9: Physical and chemical properties**

9.1.	Information on bas	sic physical and chemical properties
Physical	state	: Liquid
Appeara	nce	: liquid.
Color		: Light Blue, Black
Odor		: Aromatic odour.

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Odor Threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: Not Measured
Relative evaporation rate (ether=1)	: Not Measured
Melting point	: No data available
Freezing point	: No data available
Boiling point	: Not Measured
Flash point	: 38°C (101°F)-closed cup
Self ignition temperature	: Na data avilable
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: Not Measured
Relative vapor density at 20 °C	: Heavier than air
Relative density	: 1.82 g/ml at 25°C (77°F)
Solubility	: Water: None
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

No additional information available

#### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Upon combustion:CO and CO2 are formed.Reacts violently with (strong) oxidizers:(increased)risk of fire/explosion.reacts with (some) acids.

#### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

#### 10.3. Possibility of hazardous reactions

Vapours may form explosive mixture with air.

#### 10.4. Conditions to avoid

Sparks. Heat. Open flame. Extremes of tempearture and direct sunlight.

#### 10.5. Incompatible materials

Avoid contact with : Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

#### **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

Acute Toxicity: Harmful if swallowed.

Copper(I) oxide (1317-39-1)	
LD50 oral rat	470 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	5 mg/l/4h dust
ATE CLP (oral)	470.000 mg/kg bodyweight
ATE CLP (vapours)	5.000 mg/l/4h
ATE CLP (dust,mist)	5.000 mg/l/4h

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LD50 dermal rabbit         > 2           LC50 inhalation rat (mg/l)         > 5           LC50 inhalation rat (ppm)         340           Cumene (98-82-8)         140           LD50 oral rat         140           LD50 dermal rabbit         122           LC50 inhalation rat (ppm)         > 3           Benzene, 1,2,4-trimethyl- (95-63-6)         1250 oral rat           LD50 oral rat         340           LD50 dermal rabbit         > 3           LC50 inhalation rat (mg/l)         18           ATE CLP (gases)         450           ATE CLP (dust,mist)         1.5           Xylenes (o-, m-, p- isomers) (1330-20-7)         150           LD50 dermal rat         350           LD50 dermal rat         2.2           LC50 inhalation rat (mg/l)         29.           ATE CLP (dermal)         110	6) 400 mg/kg 2000 mg/kg 5.2 mg/l/4h 400 ppm/4h 400 mg/kg 2300 µg/kg 3577 ppm 6 h 400 mg/kg 3160 mg/kg 3160 mg/kg 8 g/m <sup>3</sup> 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/l/4h vapor 100.000 mg/kg bodyweight 500.000 ppmv/4h
LD50 dermal rabbit       > 2         LC50 inhalation rat (mg/l)       > 5         LC50 inhalation rat (ppm)       340 <b>Cumene (98-82-8)</b> 140         LD50 oral rat       140         LD50 dermal rabbit       122         LC50 inhalation rat (ppm)       > 3 <b>Benzene, 1,2,4-trimethyl- (95-63-6)</b> 125         LD50 oral rat       340         LD50 dermal rabbit       > 3         LC50 inhalation rat (mg/l)       18         ATE CLP (gases)       450         ATE CLP (dust,mist)       1.5 <b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b> 150         LD50 dermal rat       350         LD50 dermal rat       2.2         LC50 inhalation rat (mg/l)       29.         ATE CLP (dermal)       110	2000 mg/kg 5.2 mg/l/4h 400 ppm/4h 400 mg/kg 2300 μg/kg 3577 ppm 6 h 400 mg/kg 3160 mg/kg 8 g/m³ 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 20.08 mg/l/4h vapor 100.000 mg/kg bodyweight
LC50 inhalation rat (mg/l)       > 5         LC50 inhalation rat (ppm)       340         Cumene (98-82-8)       140         LD50 oral rat       142         LC50 inhalation rat (ppm)       > 3         Benzene, 1,2,4-trimethyl- (95-63-6)       123         LD50 oral rat       340         LD50 dermal rabbit       > 3         Benzene, 1,2,4-trimethyl- (95-63-6)       140         LD50 dermal rabbit       > 3         LC50 inhalation rat (mg/l)       18         ATE CLP (gases)       450         ATE CLP (ust,mist)       1.5         Xylenes (o-, m-, p- isomers) (1330-20-7)       150         LD50 dermal rat       > 2         LC50 inhalation rat (mg/l)       29.         ATE CLP (dermal)       110	5.2 mg/l/4h 400 ppm/4h 400 mg/kg 2300 µg/kg 3577 ppm 6 h 400 mg/kg 3160 mg/kg 3 g/m <sup>3</sup> 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 9.08 mg/l/4h vapor 100.000 mg/kg bodyweight
LC50 inhalation rat (ppm)       340         Cumene (98-82-8)       140         LD50 oral rat       142         LC50 inhalation rat (ppm)       > 3         Benzene, 1,2,4-trimethyl- (95-63-6)       20         LD50 dermal rabbit       > 3         LD50 oral rat       340         LD50 oral rat       340         LD50 oral rat       340         LD50 dermal rabbit       > 3         LC50 inhalation rat (mg/l)       18         ATE CLP (gases)       450         ATE CLP (vapours)       11.         ATE CLP (dust,mist)       1.5         Xylenes (o-, m-, p- isomers) (1330-20-7)       1050         LD50 dermal rat       350         LD50 dermal rat       > 2         LC50 inhalation rat (mg/l)       29.         ATE CLP (dermal)       110	400 ppm/4h 400 mg/kg 2300 µg/kg 3577 ppm 6 h 400 mg/kg 3160 mg/kg 3 g/m <sup>3</sup> 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
Cumene (98-82-8)           LD50 oral rat         140           LD50 dermal rabbit         122           LC50 inhalation rat (ppm)         > 3           Benzene, 1,2,4-trimethyl- (95-63-6)         1250 oral rat           LD50 dermal rabbit         > 3           LD50 dermal rabbit         > 3           LD50 dermal rabbit         > 3           LC50 inhalation rat (mg/l)         18           ATE CLP (gases)         450           ATE CLP (vapours)         11.           ATE CLP (dust,mist)         1.5           Xylenes (o-, m-, p- isomers) (1330-20-7)         12050 oral rat           LD50 dermal rat         350           LD50 dermal rat         22           LC50 inhalation rat (mg/l)         29.           ATE CLP (dermal)         110	400 mg/kg 2300 µg/kg 3577 ppm 6 h 400 mg/kg 3160 mg/kg 3160 mg/kg 3 g/m <sup>3</sup> 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 29.08 mg/kg 100.000 mg/kg bodyweight
LD50 oral rat       144         LD50 dermal rabbit       122         LC50 inhalation rat (ppm)       > 3         Benzene, 1,2,4-trimethyl- (95-63-6)       344         LD50 oral rat       344         LD50 dermal rabbit       > 3         LC50 inhalation rat (mg/l)       18         ATE CLP (gases)       456         ATE CLP (vapours)       11.         ATE CLP (dust,mist)       1.5         Xylenes (o-, m-, p- isomers) (1330-20-7)       150         LD50 dermal rat       > 2         LC50 inhalation rat (mg/l)       29.         ATE CLP (dermal)       116	2300 µg/kg 3577 ppm 6 h 400 mg/kg 3160 mg/kg 3 g/m <sup>3</sup> 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
LD50 dermal rabbit       12:         LC50 inhalation rat (ppm)       > 3         Benzene, 1,2,4-trimethyl- (95-63-6)	2300 µg/kg 3577 ppm 6 h 400 mg/kg 3160 mg/kg 3 g/m <sup>3</sup> 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
LC50 inhalation rat (ppm)       > 3         Benzene, 1,2,4-trimethyl- (95-63-6)       24         LD50 oral rat       340         LD50 dermal rabbit       > 3         LC50 inhalation rat (mg/l)       18         ATE CLP (gases)       450         ATE CLP (vapours)       11.         ATE CLP (dust,mist)       1.5         Xylenes (o-, m-, p- isomers) (1330-20-7)       20         LD50 oral rat       350         LD50 dermal rat       > 2         LC50 inhalation rat (mg/l)       29.         ATE CLP (dermal)       110	3577 ppm 6 h 400 mg/kg 3160 mg/kg 8 g/m <sup>3</sup> 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 9.08 mg/l/4h vapor 100.000 mg/kg bodyweight
Benzene, 1,2,4-trimethyl- (95-63-6)           LD50 oral rat         340           LD50 dermal rabbit         > 3           LC50 inhalation rat (mg/l)         18           ATE CLP (gases)         450           ATE CLP (vapours)         11.           ATE CLP (dust,mist)         1.5           Xylenes (o-, m-, p- isomers) (1330-20-7)         150           LD50 dermal rat         > 2           LC50 inhalation rat (mg/l)         29.           ATE CLP (dermal)         110	400 mg/kg 3160 mg/kg 3 g/m <sup>3</sup> 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 9.08 mg/l/4h vapor 100.000 mg/kg bodyweight
LD50 oral rat       340         LD50 dermal rabbit       > 3         LC50 inhalation rat (mg/l)       18         ATE CLP (gases)       450         ATE CLP (vapours)       11.         ATE CLP (dust,mist)       1.5         Xylenes (o-, m-, p- isomers) (1330-20-7)       100         LD50 oral rat       350         LD50 dermal rat       > 2         LC50 inhalation rat (mg/l)       29.         ATE CLP (dermal)       110	3160 mg/kg 3 g/m <sup>3</sup> 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
LD50 dermal rabbit       > 3         LC50 inhalation rat (mg/l)       18         ATE CLP (gases)       450         ATE CLP (vapours)       11.         ATE CLP (dust,mist)       1.5         Xylenes (o-, m-, p- isomers) (1330-20-7)       150         LD50 oral rat       350         LD50 dermal rat       > 2         LC50 inhalation rat (mg/l)       29.         ATE CLP (dermal)       110	3160 mg/kg 3 g/m <sup>3</sup> 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
LC50 inhalation rat (mg/l)       18         ATE CLP (gases)       450         ATE CLP (vapours)       11.         ATE CLP (dust,mist)       1.5         Xylenes (o-, m-, p- isomers) (1330-20-7)       1.50         LD50 oral rat       350         LD50 dermal rat       22         LC50 inhalation rat (mg/l)       29.         ATE CLP (dermal)       110	8 g/m <sup>3</sup> 4h 500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
ATE CLP (gases)       450         ATE CLP (vapours)       11.         ATE CLP (dust,mist)       1.5         Xylenes (o-, m-, p- isomers) (1330-20-7)       1.50         LD50 oral rat       350         LD50 dermal rat       > 2         LC50 inhalation rat (mg/l)       29.         ATE CLP (dermal)       110	500.000 ppmv/4h 1.000 mg/l/4h 500 mg/l/4h 500 mg/kg 29.08 mg/kg 0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
ATE CLP (vapours)       11.         ATE CLP (dust,mist)       1.5         Xylenes (o-, m-, p- isomers) (1330-20-7)       1.5         LD50 oral rat       350         LD50 dermal rat       > 2         LC50 inhalation rat (mg/l)       29.         ATE CLP (dermal)       110	1.000 mg/l/4h 500 mg/l/4h 200 mg/kg 29.08 mg/kg 0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
ATE CLP (dust,mist)       1.5         Xylenes (o-, m-, p- isomers) (1330-20-7)         LD50 oral rat       350         LD50 dermal rat       > 2         LC50 inhalation rat (mg/l)       29.         ATE CLP (dermal)       110	500 mg/l/4h 500 mg/kg 29.08 mg/kg 0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
Xylenes (o-, m-, p- isomers) (1330-20-7)           LD50 oral rat         350           LD50 dermal rat         > 2           LC50 inhalation rat (mg/l)         29.           ATE CLP (dermal)         110	500 mg/kg 29.08 mg/kg 9.08 mg/l/4h vapor 100.000 mg/kg bodyweight
LD50 oral rat         350           LD50 dermal rat         > 2           LC50 inhalation rat (mg/l)         29.           ATE CLP (dermal)         110	29.08 mg/kg 0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
LD50 dermal rat> 2LC50 inhalation rat (mg/l)29.ATE CLP (dermal)110	29.08 mg/kg 0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
LC50 inhalation rat (mg/l)29.ATE CLP (dermal)110	0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
LC50 inhalation rat (mg/l)29.ATE CLP (dermal)110	0.08 mg/l/4h vapor 100.000 mg/kg bodyweight
ATE CLP (dermal) 110	100.000 mg/kg bodyweight
4.111 - 2.11 (20.000) 4.0	11
	1.000 mg/l/4h
	500 mg/l/4h
Ethylbenzene (100-41-4)	
	500 mg/kg
	5400 mg/kg
	7.2 mg/l/4h
	500.000 ppmv/4h
	1.000 mg/l/4h
	500 mg/l/4h
Rosin (8050-09-7)	500 mg / m
	500 mg/kg
	2500 mg/kg
	5 mg/l/4h
Toluene (108-88-3)	
	36 mg/kg
	2124 mg/kg
	390 mg/kg
	2.5 mg/l/4h
	26700 ppm/1h
Benzene (71-43-2)	20/00 ppm/m
	300 mg/kg
	3050 ppm/4h
Silica, amorphous (7631-86-9)	2000 ppm m
	5000 mg/kg
	2000 mg/kg
F	2000 mg/kg 2.2 mg/l 1h
Silica: Crystalline, quartz (14808-60-7)	2.2 mg/1 m
	00 mg/kg
	00 mg/kg
Zinc oxide (1314-13-2)	5000 mg/kg
	5000 mg/kg
Zeolite (1318-02-1)	000 mollio
	000 mg/kg 2000 mg/kg
F	2000 mg/kg
•	4 mg/l 1 h
Chlorothalonil (1897-45-6)	2000 J (4)
LD50 oral rat 10,	0,000mg/kg/4h
Carcinogenicity data:	

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Cumene (98-82-8)		
IARC group	2B - Possibly carcinogenic to humans	
Xylenes (o-, m-, p- isomers) (1330-20-7)		
IARC group	3 - Not classifiable	
Ethylbenzene (100-41-4)		
IARC group	2B - Possibly carcinogenic to humans	
Toluene (108-88-3)		
IARC group	3 - Not classifiable	
Benzene (71-43-2)		
IARC group	1 - Carcinogenic to humans	
National Toxicology Program (NTP) Status	2 - Known Human Carcinogens	
Silica, amorphous (7631-86-9)		
IARC group 3 - Not classifiable		
Chlorinated paraffin waxes and hydrocarbon waxes (63449-39-8)		
IARC group	2B - Possibly carcinogenic to humans	
Silica: Crystalline, quartz (14808-60-7)		
IARC group	1 - Carcinogenic to humans	
Talc (14807-96-6)		
IARC group	3 - Not classifiable	
Zeolite (1318-02-1)	Zeolite (1318-02-1)	
IARC group	3 - Not classifiable	

Skin corrosion/irritation	: Not Applicable, Not classified
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: May cause an allergic skin reaction
Germ cell mutagenicity	: May cause genetic defects, category 1B.
Carcinogenicity	: May cause cancer, category 1A.
Acute Toxicity(Mouth)	Harmful if swallowed
Acute Toxicity( skin)	Not Applicable, Not classified
Reproductive toxicity	: Not Applicable, Not classified
Specific target organ toxicity (single exposure)	: Not Applicable, Not classified
Specific target organ toxicity (repeated exposure)	: Not Applicable, Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways category 1
Symptoms/injuries after inhalation	: May be fatal if swallowed and enters airways.
Symptoms/injuries after skin contact	: May cause an allergic skin reaction
Symptoms/injuries after eye contact	: Causes serious eye damage.
Symptoms/injuries after ingestion	: Harmful if swallowed.
Chronic symptoms	: May cause cancer.

### **SECTION 12: Ecological information**

12.1. Toxicity

Cuprous oxide (1317-39-1)	
LC50 fishes 1	0.075 mg/l (96 h;danio rerio)
EC50 daphnia 1	0.042 mg/l (48 h; Daphnia similis)
Threshold limit algae 1	0.03 mg/l (96 h; Pseudokirchneriella subcapitata)

Zinc oxide (1314-13-2)	
LC50 fishes 1	1.10 mg/l (96 h; Oncorhynchus mykiss)
EC50 daphnia 1	0.098 mg/l (48 h; Daphnia magna)
Threshold limit algae 1	0.042 mg/l (72 h; Pseudokirchneriella subcapitata )

Chlorothalonil (1897-45-6)	
LC50 fishes 1	0.012 mg/l (96 h; Oncorhynchus mykiss)
EC50 daphnia 1	0.06 mg/l (48 h; Daphnia magna)

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Chlorothalonil (1897-45-6)	
Threshold limit algae 1	Not Available

#### 2.2. Persistence and degradability

No data available

#### 12.3. Bioaccumulative potential

No data available

#### 12.4. Mobility in soil

No data available

#### 12.5. Other adverse effects

PBT/vPvB assessment not available as chemical safety assessment not required/ not conducted An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods	: Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: Transport information	
In accordance with DOT	
14.1. UN number	
UN-No.(DOT)	: 1263
DOT NA no.	UN1263
14.2. UN proper shipping name	
DOT Proper Shipping Name	: paint
Department of Transportation (DOT) Hazard Classes	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT)	: 3 - Flammable liquid
Packing group (DOT)	: III-Minor Danger
14.3. Additional information	
Transportation by land(ADR)	
Transport document description	: UN 1263 ,PAINT,3,III,(D/E)
Packaging group (ADR)	: 111
Class (ADR)	3- Flammable liquid
State during Transport(ADR-RID)	: As liquid
Hazard identification number (Kemler No.)	: 30
Clasification code( ADR)	: F1
Tunnel restriction code	: D/E

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Danger labels (ADR)	: 3 - Flammable liquid
	3
Transport by sea	
UN-No. (IMDG)	: 1263
Packaging Group	III
Class (IMDG)	: 3- Flammable liquid
EmS-No.(1)	: F-E
EmS-No.(2)	: S-E
Marine Pollutant	Yes
Air transport	
UN-No. (IATA)	: 1263.
Class (IATA)	: 3- Flammable liquid
Packaging group (IATA)	: III-Minor Danger
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:
Other information	: No supplementary information available.

SEC	FION 15: Regulatory information
15.1. US Federal regulations	

All components of this product are listed on the United States TSCA (Toxic Substances Control Act) inventory.

Cumene (98-82-8)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313			
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	5000 lb		
SARA Section 313 - Emission Reporting	1 %		
Benzene, 1,2,4-trimethyl- (95-63-6)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313			
SARA Section 313 - Emission Reporting	1%		
<b>Xylenes (o-, m-, p-</b> isomers) (1330-20-7)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313			
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	100 lb		
SARA Section 313 - Emission Reporting	1%		
Ethylbenzene (100-41-4)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313			
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	1000 lb		
SARA Section 313 - Emission Reporting	0.1 %		
Toluene (108-88-3)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313			

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Benzene (71-43-2)				
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313				
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	10 lb (recieved an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule)			
SARA Section 313 - Emission Reporting	0.1 %			

#### 15.2. International regulations

#### CANADA

No additional information available

### 15.3. US State regulations

#### **California Proposition 65**

This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

Cumene (98-82-8)					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)	
Yes	No	No	No		
Ethylbenzene (100-41-4)					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)	
Yes	No	No	No		
Toluene (108-88-3)					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)	
No	Yes	No	No		
Benzene (71-43-2)		-	1		
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)	
Yes	Yes	No	Yes		
Silica: Crystalline, quartz (148					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)	
Yes	No	No	No		
Cumene (98-82-8)			•	•	
U.S Massachusetts - Right To U.S New Jersey - Right to Kn U.S Pennsylvania - RTK (Rig	ow Hazardous Substance List	azard List			
Benzene, 1,2,4-trimethyl- (95-	63-6)				
U.S New Jersey - Right to Know Hazardous Substance List U.S Massachusetts - Right To Know List U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List					
Xylenes (o-, m-, p- isomers) (1	330-20-7)				
U.S Massachusetts - Right To U.S New Jersey - Right to Kn U.S Pennsylvania - RTK (Rig	ow Hazardous Substance List	azard List			
Ethylbenzene (100-41-4)					
U.S New Jersey - Right to Kn U.S Massachusetts - Right To U.S Pennsylvania - RTK (Rig	Know List	azard List			
Toluene (108-88-3)					
U.S Massachusetts - Right To U.S New Jersey - Right to Kn U.S Pennsylvania - RTK (Rig U.S Pennsylvania - RTK (Rig	ow Hazardous Substance List ht to Know) - Environmental H	azard List			

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Benzene (71-43-2)		
U.S Massachusetts - Right To Know List U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) - Special Hazardous Substances U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List		
Silica, amorphous (7631-86-9)		
U.S New Jersey - Right to Know Hazardous Substance List U.S Massachusetts - Right To Know List U.S Pennsylvania - RTK (Right to Know) List		
Chlorinated paraffin waxes and hydrocarbon waxes (63449-39-8)		
U.S Massachusetts - Right To Know List		
Silica: Crystalline, quartz (14808-60-7)		
U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List U.S Massachusetts - Right To Know List		
Talc (14807-96-6)		
U.S Massachusetts - Right To Know List U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List		
Zinc oxide (1314-13-2)		
U.S New Jersey - Right to Know Hazardous Substance List U.S Massachusetts - Right To Know List U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List		

#### **SECTION 16: Other information**

Indication of changes	: Revision 3.0 – 12/19/2016 - Updated.
Other information	: Mario Garneau, edited by M.G.
NFPA health hazard	: 2-intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given
NFPA fire hazard	: 3 – Liquids and solids that can be ignited under almost all ambient conditions
NFPA reactivity	: 0-Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 2
Flammability	: 3
Physical hazard	: 0
Personal Protection	: H

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using this material in combination with any other material or any other process is the responsibility of the user. All materials present unknown health hazards and should be used with caution. Although certain hazards are described herein, the manufacturer and its agents cannot guarantee that these are the only hazards which exist. Further, the manufacturer and its agents assume no responsibility for personal injury or property damage to vendors, users, or third-parties caused by this material. User assumes all risks associated with the use of this material.No warranty, express or implied, is made and New Nautical Coatings,Inc assumes no liability resulting from the use of this SDS. The user must dtermine suitability of this information for his application.